

LB88825

REDACTED

United States Environmental Protection Agency
Region 4



35TH AVENUE REMOVAL INVESTIGATION
BIRMINGHAM, ALABAMA
JEFF CROWLEY, ON-SCENE COORDINATOR

FIELD SAMPLING LOGBOOK

Book 1 of 1

Inclusive Dates: 1/7/2013

List of Sampling Team in logbook:

Name	Initials	Organization/Duties
(b) (6)		OTIE, Team Leader
(b) (6)		MRS
		OTIE
		OTIE

Project # ALD 0000 848828

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Sampling Procedures and Methodology

Unless specified elsewhere in this logbook, all soil samples will be collected in accordance with the EPA Science and Ecosystem Division (SESD) Field Branches Quality System and Technical Procedures (FBQSTP) Soil Sampling (SESDPROC-300-R2) based on the following design.

The total number of 5-point composite surface soil samples (0-4 inches below ground surface) to be collected from each property will be based on the lot size as follows:

- For residential properties with a total parcel lot size equal to or less than (\leq) 5,000 square feet - the front yard and back yards of each property. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may also be collected from the side yard. Aliquots will be collected away from influences with drip lines and burn areas in a five dice configuration (each of the four corners and the center).
- For residential properties with a total parcel lot size greater than ($>$) 5,000 square feet and $\leq \frac{1}{4}$ -acre - the property should be divided into two roughly equal surface areas. If the property has a substantial side yard (primarily corner lots), then one composite soil sample may be collected from the side yard with the remainder of the property being divided into two roughly equal surface areas. Aliquots will be collected away from influences including drip lines and burn areas with reasonably equal spacing between aliquots.
- Residential properties over $\frac{1}{4}$ -acre in parcel lot size will be divided into $\frac{1}{4}$ -acre sections. When dividing any such property with a substantial side yard (primarily corner lots), one composite soil sample may be collected from the side yard. Aliquots will be collected away from influences including drip lines and burn areas in a five dice configuration, if possible, with reasonably equal spacing between aliquots.

Grab surface soil samples will be collected from apparent exposure pathways where active play sets are located.

Three-point composite surface soil samples will be collected from distinct vegetable gardens from each residential property.

Samples shall not be collected under paved areas or under stationary fixed structures.

Grab sediment samples will be collected in accordance with EPA SESD FBSTP Sediment Sampling (SESDPROC-200-R2) from any surface water drainage pathways located on individual properties, as directed by the OSC, and in and along the banks of the 34th Street North Ditch.

Each surface soil or sediment sample should be homogenized in a stainless steel bowl. One 8-ounce jar will be filled and the remaining sample material will be placed in zip-top bags for screening. Information identifying the location, sample, and date/time will be inscribed on each jar and zip-top bag.

All sample bags will be screened for metals in accordance with SESD FBQSTP Field XRF Measurement (SESDPROC-107-R2) using a Niton XRF. The sample will be dried before sieving or analysis is performed. Once the sample has dried, the sample will be divided into two subsamples; one subsample will be sieved through a #10 screen (2 mm) and the other will be left unsieved. Once separated into sieved and unsieved samples, the zip-top bag will be compressed by folding over the excess plastic and removing as much air and space from the sample as possible. The XRF will be placed directly on the exterior of the compressed sample in the plastic zip-top bag to measure metals concentrations. Following XRF screening, the unsieved portion of the sample material will be containerized into one 8-ounce jars and the sieved portion of the sample will be containerized into another 8-ounce jar.

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Based on the site DQOs the 8-ounce jars of surface soil and sediment samples should be submitted to PEL, Tampa, Florida (a NELAC certified laboratory) for low level PAH, and/or TCL SVOC, RCRA metals, PCB, and/or Hexavalent Chromium analysis. RCRA metals will be analyzed from both the sieved and unsieved portions of the sample. All other analysis will be conducted on the unsieved portion.

The location of each aliquot will also be logged in accordance with SESD FBQSTP Global Positioning System (SESDPROC- 110-R3) using a Trimble GPS.

A description of the color and texture of the aliquot material will be recorded in each box.

The **station ID** for each location will consist of seven characters, beginning with the six digit Property ID designation for the property followed by a alphabetic letter beginning with "A".

e.g. CV0001A would be the station ID for the front yard 5-pt composite sample collected at the property with Property ID CV0001.

The **sample ID** for each sample is the station ID with "CS" (composite soil), "GS" (grab soil), "SD" (sediment), or "SW" (surface water) appended, therefore, the sample ID for this sample would be CV0001A-CS. Co-located duplicates will be designated by appending a "D" to the end of the sample ID. Pan splits will be identified by appending an "SP" to the end of the sample ID.

ADDRESS: 3411 33RD AVE NORTH PROPERTY ID: CV0297

DATE: 1/7/2013 ARRIVAL TIME: 1300

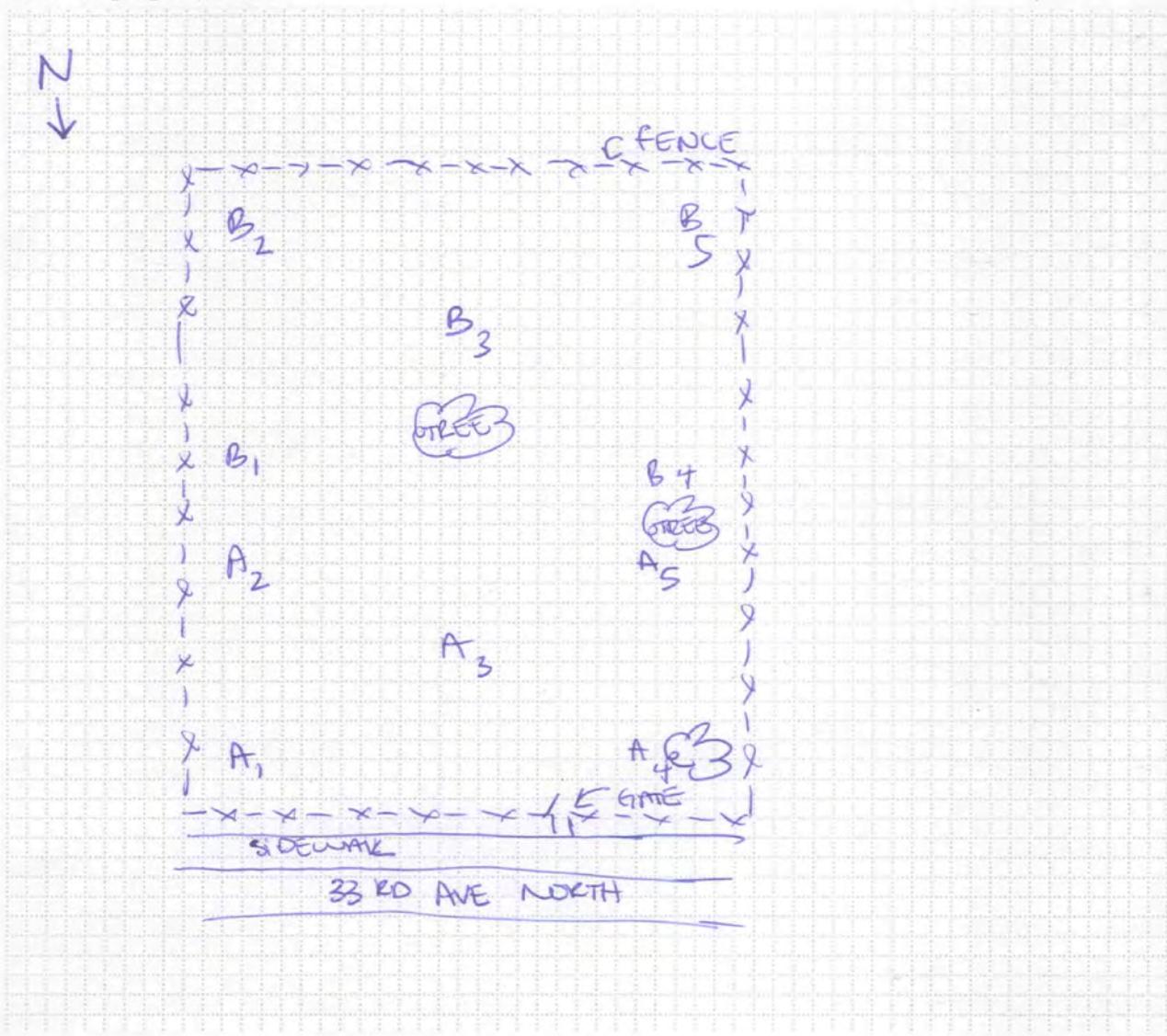
Other pertinent information (weather conditions, etc.):

55°F, SUNNY, CLEAR SKIES

PROPERTY COMMENTS:

NO ON-SITE STRUCTURE

Grid for property sketch



STATION ID: CVO297SAMPLE ID: CVO297A-CSSAMPLE COLLECTION TIME: 13:23

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

FRONT YARDCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: 33.555140050 N Longitude 86.7974014888 WMedia description: DARK WET SILTY SOILAliquot #2: Latitude: 33.55505810 N Longitude 86.797401711 WMedia description: SAME AS #1Aliquot #3: Latitude: 33.55512741 N Longitude 86.797740792 WMedia description: SAME AS #1Aliquot #4: Latitude: 33.55519052 N Longitude 86.79792110 WMedia description: SAME AS #1Aliquot #5: Latitude: 33.55507600 N Longitude 86.79791851 WMedia description: SAME AS #1STATION ID: CVO297SAMPLE ID: CVO297B-CSSAMPLE COLLECTION TIME: 13:45

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

BACK YARDCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: _____

GPS Coordinates: Trimble [] Instrument #: _____ Logged? Y or N

Aliquot #1: Latitude: 33.55502777 N Longitude 86.7974012106 WMedia description: DARK WET SILTY SOILAliquot #2: Latitude: 33.55490497 N Longitude 86.797401397 WMedia description: SAME AS #1Aliquot #3: Latitude: 33.55495745 N Longitude 86.79778797 WMedia description: SAME AS #1Aliquot #4: Latitude: 33.55503506 N Longitude 86.79792209 WMedia description: SAME AS #1Aliquot #5: Latitude: 33.55489318 N Longitude 86.79793158 WMedia description: SAME AS #1

(b) (6)

ADDRESS: _____ PROPERTY ID: CVO295

DATE: 1/7/2013 ARRIVAL TIME: 13:50

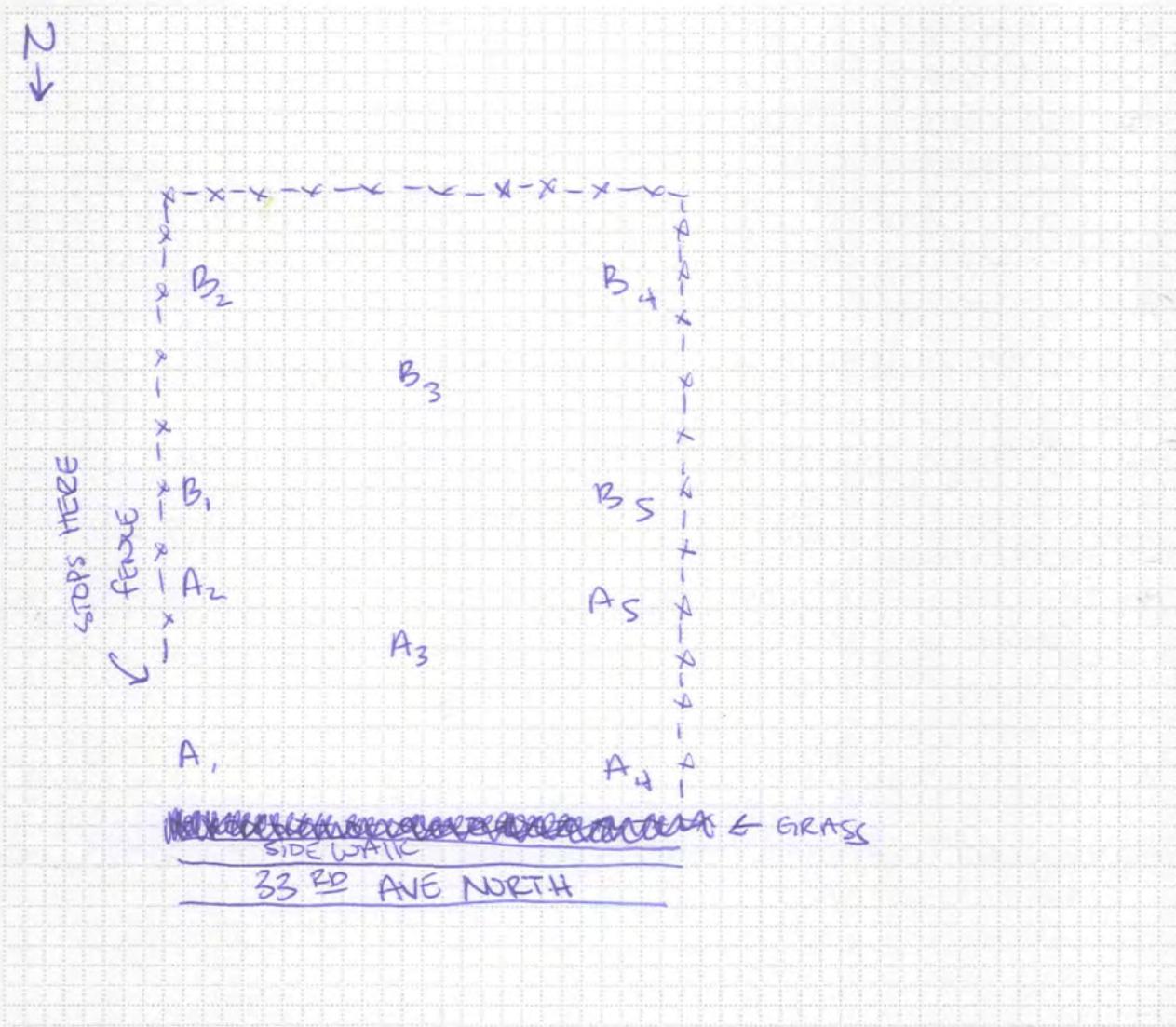
Other pertinent information (weather conditions, etc.):

55°F, SUNNY - CLEAR SKIES

PROPERTY COMMENTS:

NO ON-SITE STRUCTURE

Grid for property sketch



STATION ID: CVO29SSAMPLE ID: CVO29SA-CSSAMPLE COLLECTION TIME: 1427

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

FRONT YARDCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #:	Logged? Y or N
Aliquot #1: Latitude: <u>33.55517330</u>	N Longitude <u>86.79744528</u> W
Media description: <u>DARK BROWN GRAVELY SOIL</u>	
Aliquot #2 Latitude: <u>33.55510107</u>	N Longitude <u>86.79744811</u> W
Media description: <u>SAME AS #1</u>	
Aliquot #3: Latitude: <u>33.55511407</u>	N Longitude <u>86.79752593</u> W
Media description: <u>SAME AS #1</u>	
Aliquot #4: Latitude: <u>33.55517562</u>	N Longitude <u>86.79759422</u> W
Media description: <u>CLAY LIKE FIL</u>	
Aliquot #5: Latitude: <u>33.55506027</u>	N Longitude <u>86.79760203</u> W
Media description: <u>SAME AS #1</u>	

STATION ID: CVO29SSAMPLE ID: CVO29SB-CSSAMPLE COLLECTION TIME: 1444

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

BACK YARDCollection: Composite or GrabMS/MSD? Y or NField Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #:	Logged? Y or N
Aliquot #1: Latitude: <u>33.55503443784</u>	N Longitude <u>86.79758055</u> W
Media description:	
Aliquot #2 Latitude: <u>33.555490318</u>	N Longitude <u>86.79743490</u> W
Media description:	
Aliquot #3: Latitude: <u>33.55496403</u>	N Longitude <u>86.79752584</u> W
Media description:	
Aliquot #4: Latitude: <u>33.55490334</u>	N Longitude <u>86.79758864</u> W
Media description:	
Aliquot #5: Latitude: <u>33.55503443</u>	N Longitude <u>86.79758855</u> W
Media description:	

(b) (6)

ADDRESS

PROPERTY ID: CV0557

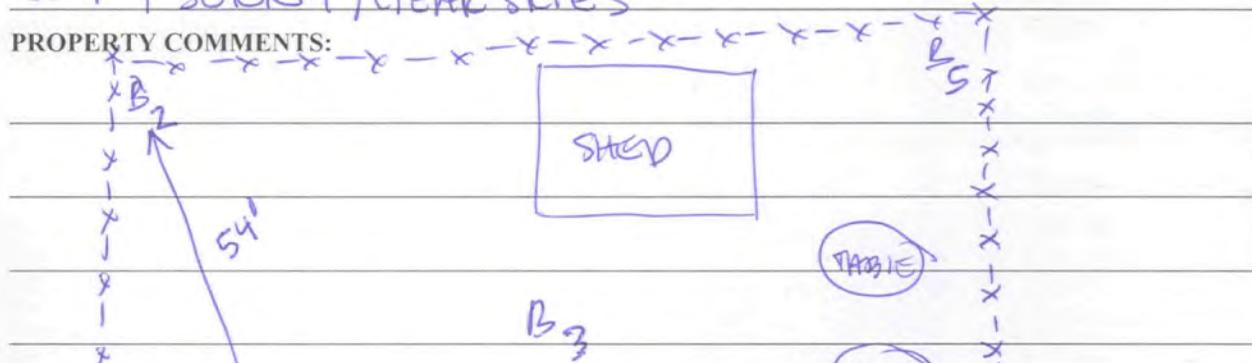
DATE: 1/7/2013

ARRIVAL TIME: 1505

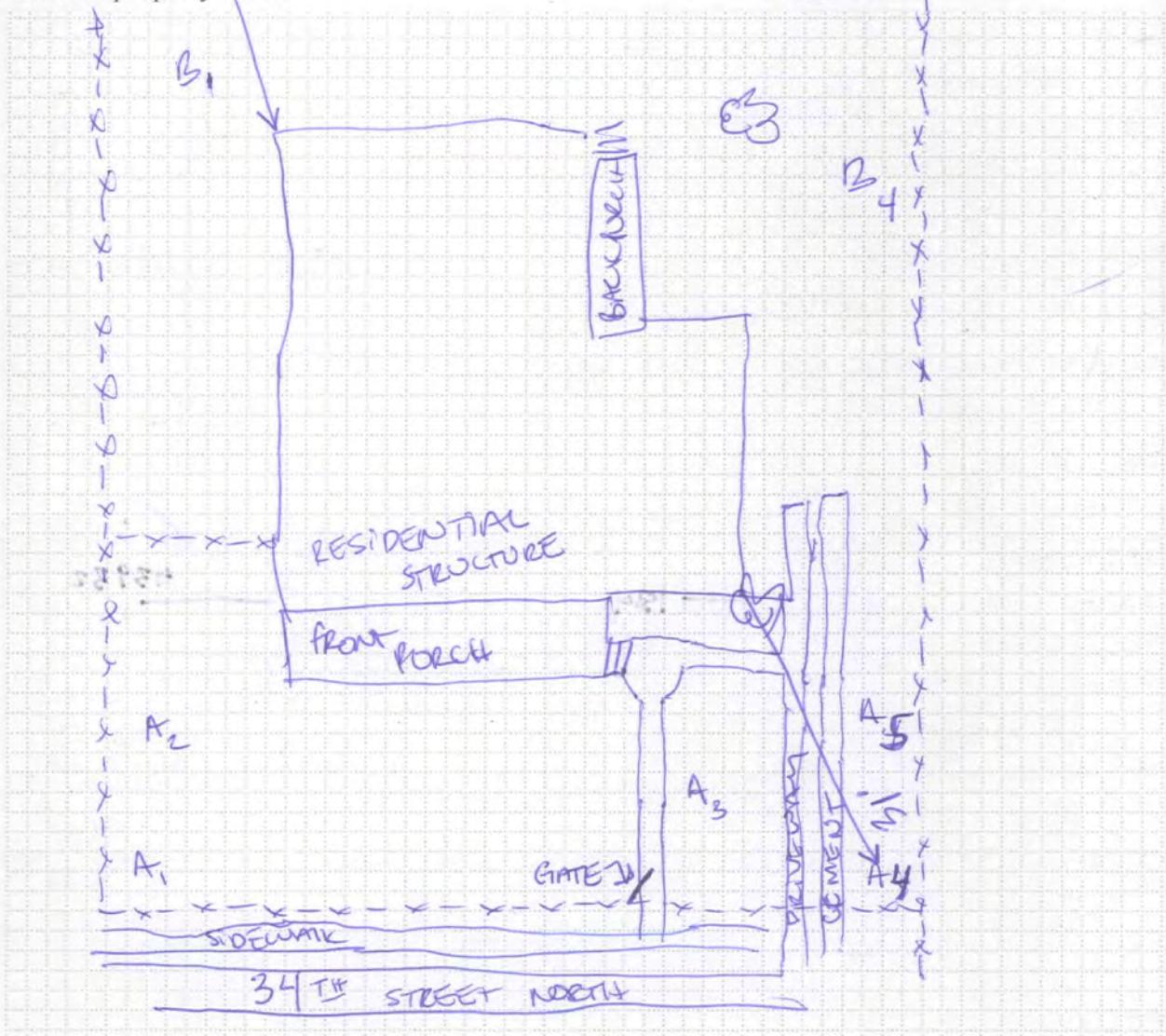
Other pertinent information (weather conditions, etc.):

55°F, SUNNY / CLEAR SKIES

PROPERTY COMMENTS:



Grid for property sketch



STATION ID: CV0557

SAMPLE ID: CV0557A-CS

SAMPLE COLLECTION TIME: 1540 JB 1/1/13

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

FRONT YARD

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #:		Logged? Y or N
Aliquot #1: Latitude:	33-55606138	N Longitude 86-79843795 W
Media description:	DARK BROWN / BLACK SILTY SOIL	
Aliquot #2 Latitude:	33-55671994	N Longitude 86-79850100 W
Media description:	SAME AS #1	
Aliquot #3: Latitude:	33-55680267	N Longitude 86-79849278 W
Media description:	SAME AS #1	
Aliquot #4: Latitude:	33-55685391	N Longitude 86-79846275 W
Media description:	SAME AS #1	
Aliquot #5: Latitude:	33-55685536	N Longitude 86-79854559 W
Media description:	SAME AS #1	

STATION ID: CV0557

SAMPLE ID: CV0557B-CS

SAMPLE COLLECTION TIME: 1545

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

BACK YARD

Collection: Composite or Grab

MS/MSD? Y or N

GPS Coordinates: Trimble [] Instrument #:		Logged? Y or N
Aliquot #1: Latitude:	33-55674199	N Longitude 86-79873157 W
Media description:	DARK BROWN / BLACK SILTY SOIL	
Aliquot #2 Latitude:	33-55673682	N Longitude 86-79889589 W
Media description:	SAME AS #1	
Aliquot #3: Latitude:	33-55680620	N Longitude 86-79878969 W
Media description:	SAME AS #1	
Aliquot #4: Latitude:	33-55685337	N Longitude 86-79867098 W
Media description:	SAME AS #1	
Aliquot #5: Latitude:	33-55687677	N Longitude 86-79885835 W
Media description:	SAME AS #1	

(b) (6)

ADDRESS:

CV 0408

PROPERTY ID: E10393

DATE: 1-8-2013

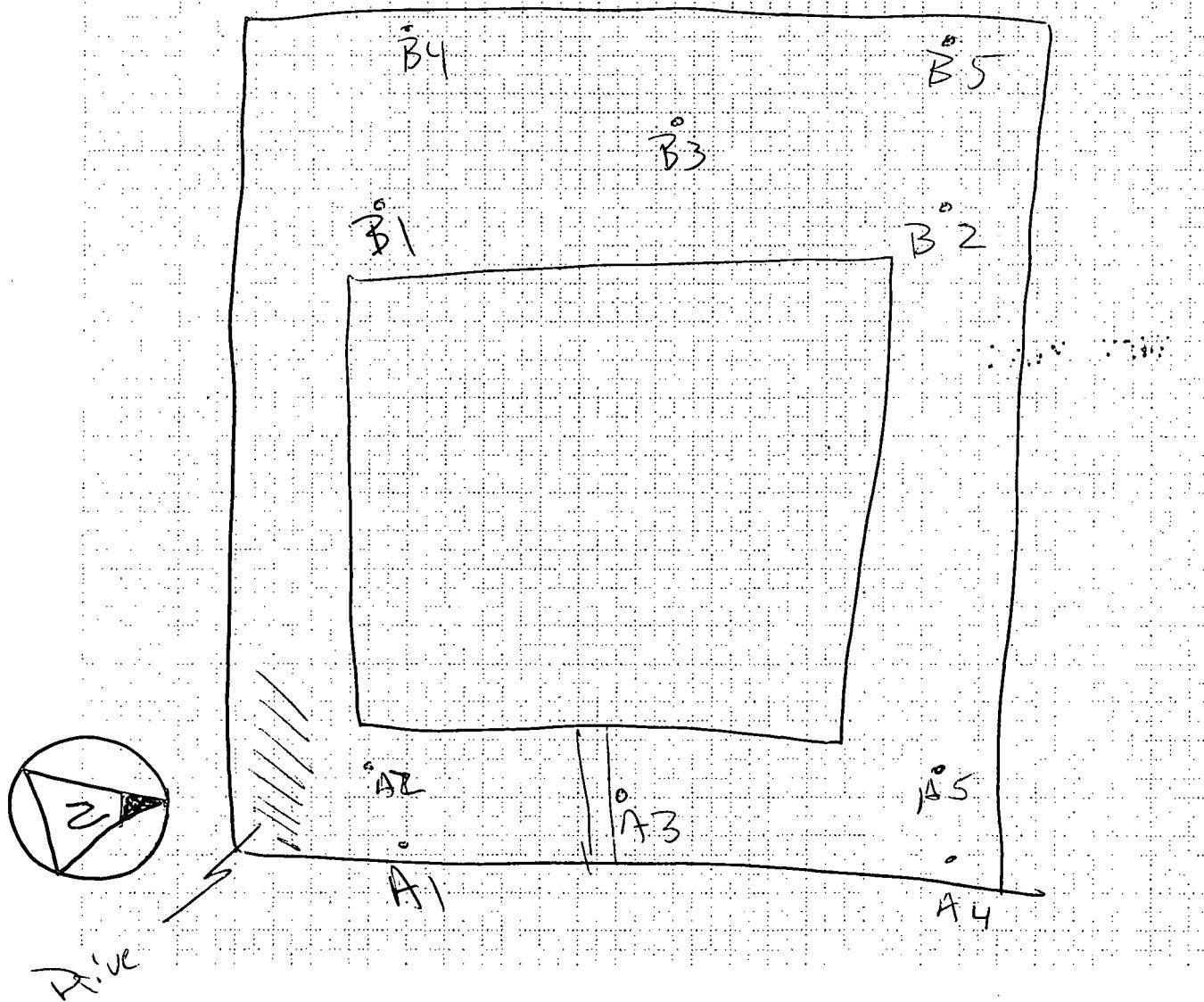
ARRIVAL TIME: 0830

Other pertinent information (weather conditions, etc.):

38° overcast cool

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0393 CV0408 SAMPLE ID: CV0408-A-CS

SAMPLE COLLECTION TIME: 0900

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55811154</u>	N Longitude <u>86.79981802</u> W
Media description:	<u>Dark Brown Silty Soil</u>	
Aliquot #2 Latitude:	<u>33.55819862</u>	N Longitude <u>86.79980984</u> W
Media description:	<u>Same as 1</u>	
Aliquot #3: Latitude:	<u>33.55815170</u>	N Longitude <u>86.79988332</u> W
Media description:	<u>Same as 1</u>	
Aliquot #4: Latitude:	<u>33.55811072</u>	N Longitude <u>86.79995521</u> W
Media description:	<u>Same as 1</u>	
Aliquot #5: Latitude:	<u>33.55819620</u>	N Longitude <u>86.79994999</u> W
Media description:	<u>Same as 1</u>	

STATION ID: CV0408 SAMPLE ID: CV0408B-CS

SAMPLE COLLECTION TIME: 0920

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55812785</u>	N Longitude <u>86.79955817</u> W
Media description:	<u>Dark Brown Silty Soil</u>	
Aliquot #2 Latitude:	<u>33.55813364</u>	N Longitude <u>86.79962072</u> W
Media description:	<u>Same as 1</u>	
Aliquot #3: Latitude:	<u>33.55816324</u>	N Longitude <u>86.79958989</u> W
Media description:	<u>Same as 1</u>	
Aliquot #4: Latitude:	<u>33.55820404</u>	N Longitude <u>86.79955636</u> W
Media description:	<u>Light Brown Clay Soil</u>	
Aliquot #5: Latitude:	<u>33.55819944</u>	N Longitude <u>86.79963032</u> W
Media description:	<u>Same as 1</u>	

(b) (6)

ADDRESS: _____

PROPERTY ID: CV093

DATE: 1-8-2013

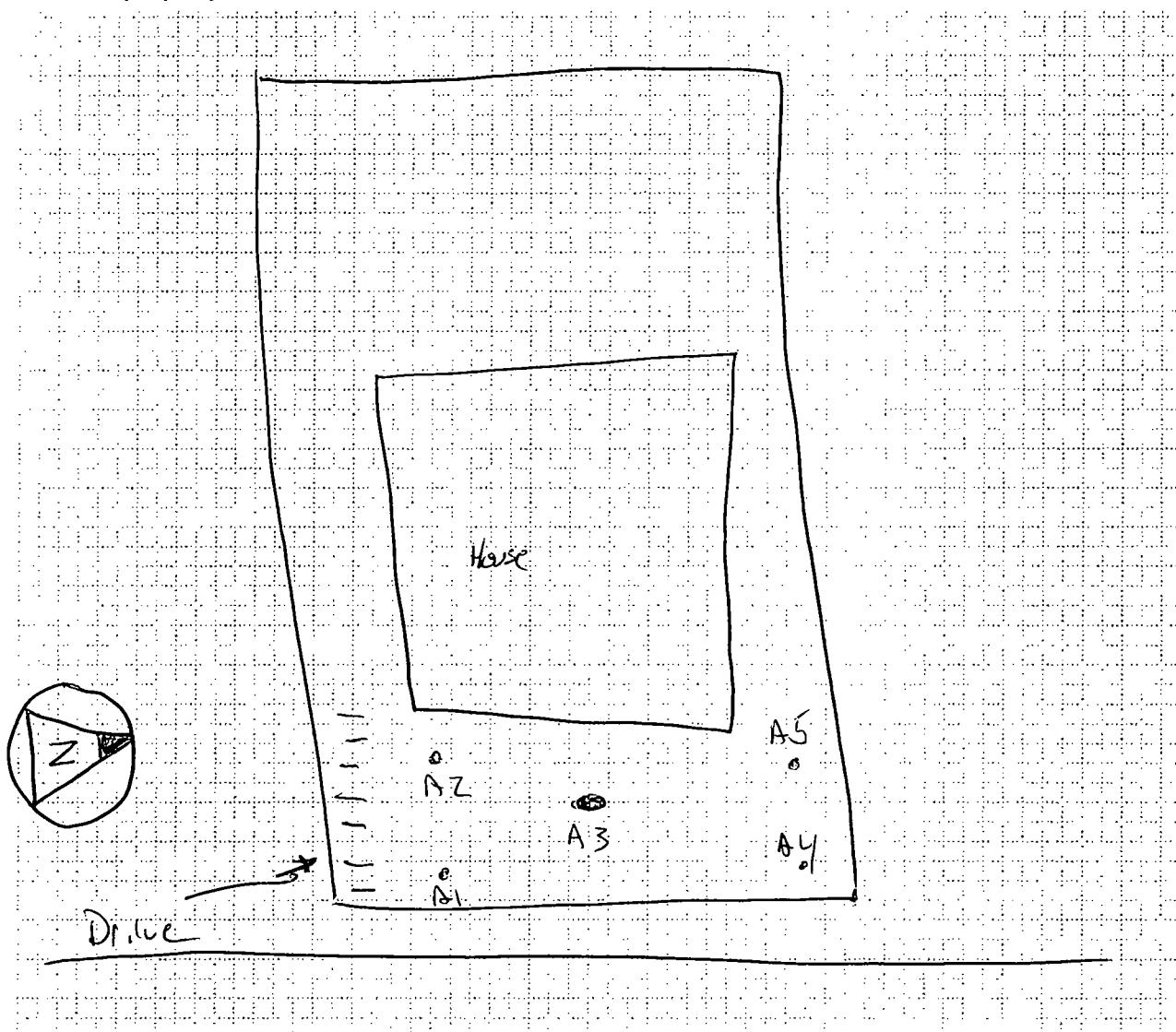
ARRIVAL TIME: 0953

Other pertinent information (weather conditions, etc.):

40° cloudy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0393 SAMPLE ID: CV0393A-CS

SAMPLE COLLECTION TIME: 1010

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard.

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55726169</u>	N Longitude	<u>86.79956664</u> W
Media description:	<u>Dark Brown silty soil</u>		
Aliquot #2: Latitude:	<u>33.55726907</u>	N Longitude	<u>86.79960056</u> W
Media description:	<u>Same AS 1</u>		
Aliquot #3: Latitude:	<u>33.55729768</u>	N Longitude	<u>86.79959086</u> W
Media description:	<u>Same AS 1</u>		
Aliquot #4: Latitude:	<u>33.55733144</u>	N Longitude	<u>86.79956717</u> W
Media description:	<u>Same AS 1</u>		
Aliquot #5: Latitude:	<u>33.55733056</u>	N Longitude	<u>86.79961109</u> W
Media description:	<u>Same AS 1</u>		

STATION ID: CV0393 SAMPLE ID: CV0393B-CS

SAMPLE COLLECTION TIME: 1025

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab MS/MSD? Y or N

GPS Coordinates: Trimble <input checked="" type="checkbox"/>	Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55724265</u>	N Longitude	<u>86.79982379</u> W
Media description:	<u>Dark Brown silty soil</u>		
Aliquot #2: Latitude:	<u>33.55732946</u>	N Longitude	<u>86.79982936</u> W
Media description:	<u>Same as 1</u>		
Aliquot #3: Latitude:	<u>33.55729202</u>	N Longitude	<u>86.79988804</u> W
Media description:	<u>Same as 1</u>		
Aliquot #4: Latitude:	<u>33.55732293</u>	N Longitude	<u>86.79995479</u> W
Media description:	<u>Same as 1</u>		
Aliquot #5: Latitude:	<u>33.55724521</u>	N Longitude	<u>86.79995917</u> W
Media description:	<u>Same as 1</u>		

(b) (6)

ADDRESS: _____

PROPERTY ID: CV0456

DATE: 1/8/2013

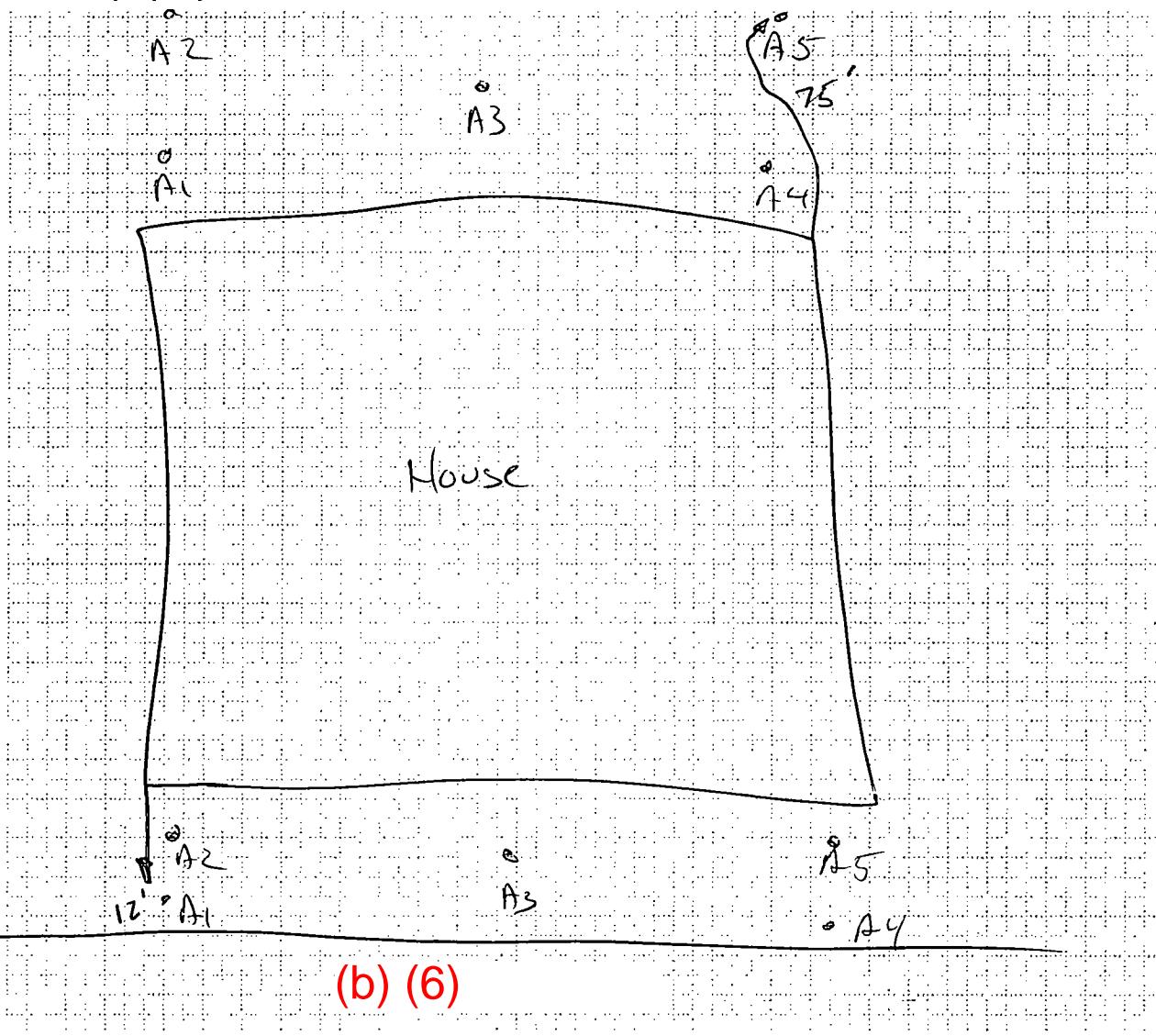
ARRIVAL TIME: 1315

Other pertinent information (weather conditions, etc.):

55° sunny

PROPERTY COMMENTS:

Grid for property sketch



(b) (6)

STATION ID: CV0456 SAMPLE ID: CV0456A-CS

SAMPLE COLLECTION TIME: 1340

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55592734</u>	N Longitude <u>86.80063098</u> W
Media description:	<u>Brown silty soil</u>	
Aliquot #2: Latitude:	<u>33.55592484</u>	N Longitude <u>86.80065607</u> W
Media description:	<u>Brown silty soil</u>	
Aliquot #3: Latitude:	<u>33.55586165</u>	N Longitude <u>86.80064420</u> W
Media description:	<u>Brown silty soil</u>	
Aliquot #4: Latitude:	<u>33.55580546</u>	N Longitude <u>86.80062940</u> W
Media description:	<u>Brown silty soil</u>	
Aliquot #5: Latitude:	<u>33.55580223</u>	N Longitude <u>86.80066183</u> W
Media description:	<u>Brown silty soil</u>	

STATION ID: CV0456 SAMPLE ID: CV0456B-CS

SAMPLE COLLECTION TIME: 1350

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55590754</u>	N Longitude <u>86.80084224</u> W
Media description:	<u>Brown silty soil</u>	
Aliquot #2: Latitude:	<u>33.55591342</u>	N Longitude <u>86.80084276</u> W
Media description:	<u>Brown silty soil</u>	
Aliquot #3: Latitude:	<u>33.55587743</u>	N Longitude <u>86.80074588</u> W
Media description:	<u>Brown silty soil</u>	
Aliquot #4: Latitude:	<u>33.55590001</u>	N Longitude <u>86.80106897</u> W
Media description:	<u>Brown silty soil</u>	
Aliquot #5: Latitude:	<u>33.5558141</u>	N Longitude <u>86.80104379</u> W
Media description:	<u>Brown silty soil</u>	

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0458

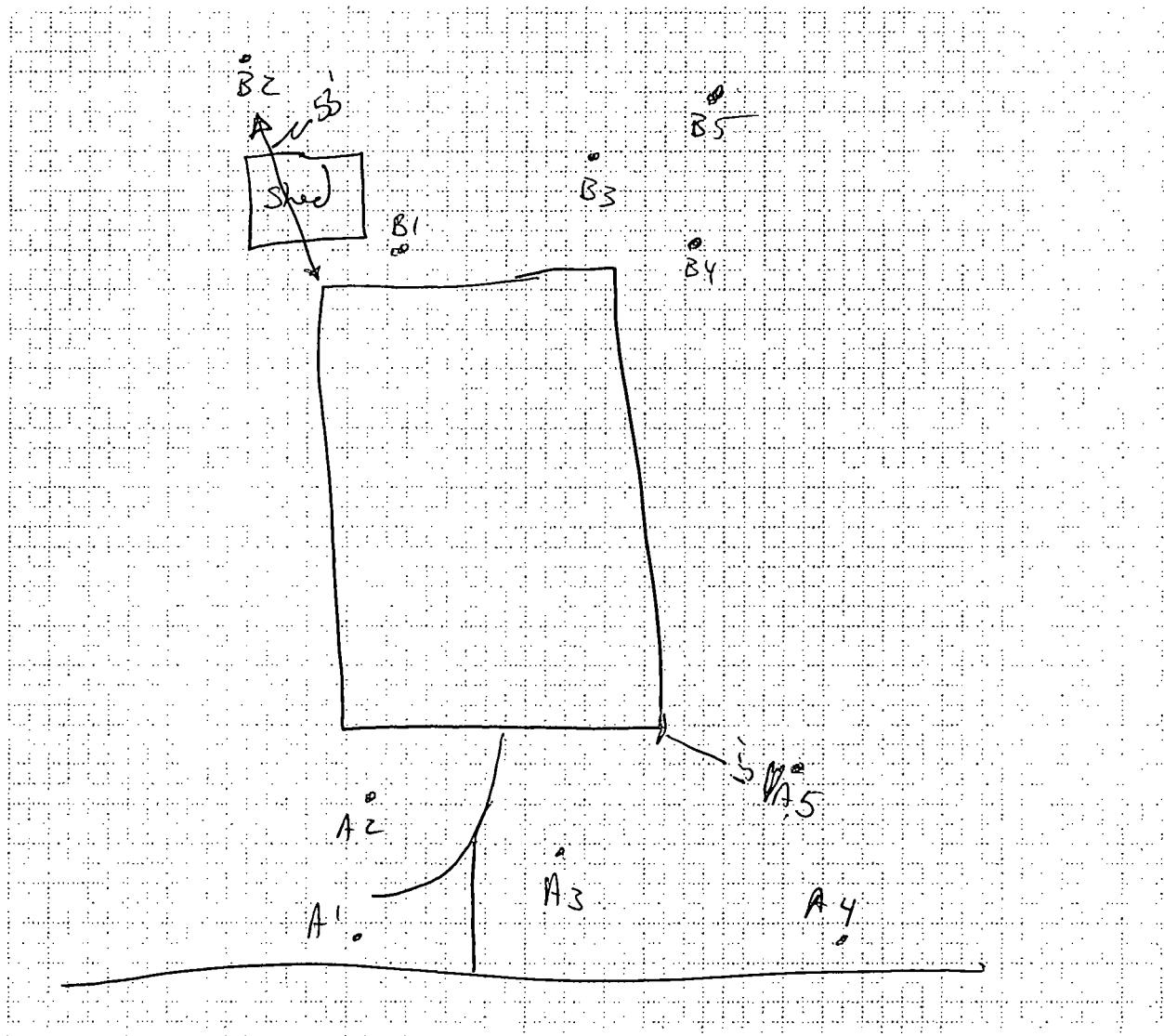
DATE: 1/8/13 ARRIVAL TIME: 8:400

Other pertinent information (weather conditions, etc.):

60° overcast

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0458

SAMPLE ID: CV0458A-CS

SAMPLE COLLECTION TIME: 1420

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard.

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #:	020168	Logged? Y or N
Aliquot #1: Latitude:	33.55596693	N Longitude 86.80065066 W
Media description:	Brown Silty Soil	
Aliquot #2 Latitude:	33.55595957	N Longitude 86.80067390 W
Media description:	Brown Silty Soil	
Aliquot #3: Latitude:	33.55600601	N Longitude 86.800665410 W
Media description:	Brown Silty Soil	
Aliquot #4: Latitude:	33.55805878	N Longitude 86.80066901 W
Media description:	Brown Silty Soil	
Aliquot #5: Latitude:	33.55605280	N Longitude 86.80064144 W
Media description:	Brown Silty Soil	

STATION ID: CV0458

SAMPLE ID: CV0458B-CS

SAMPLE COLLECTION TIME: 1445

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard.

Collection: Composite or Grab

MS/MSD? Y or N

GPS Coordinates: Trimble [✓] Instrument #:	020168	Logged? Y or N
Aliquot #1: Latitude:	33.55596727	N Longitude 86.80091193 W
Media description:	Brown Silty Soil	
Aliquot #2 Latitude:	33.55605327	N Longitude 86.80090950 W
Media description:	Dark Brown Silty Soil	
Aliquot #3: Latitude:	33.55601049	N Longitude 86.80097077 W
Media description:	Brown Silty Soil	
Aliquot #4: Latitude:	33.55593269	N Longitude 86.80104727 W
Media description:	Brown Silty Soil	
Aliquot #5: Latitude:	33.55604425	N Longitude 86.80102032 W
Media description:	Brown Silty Soil	

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0479

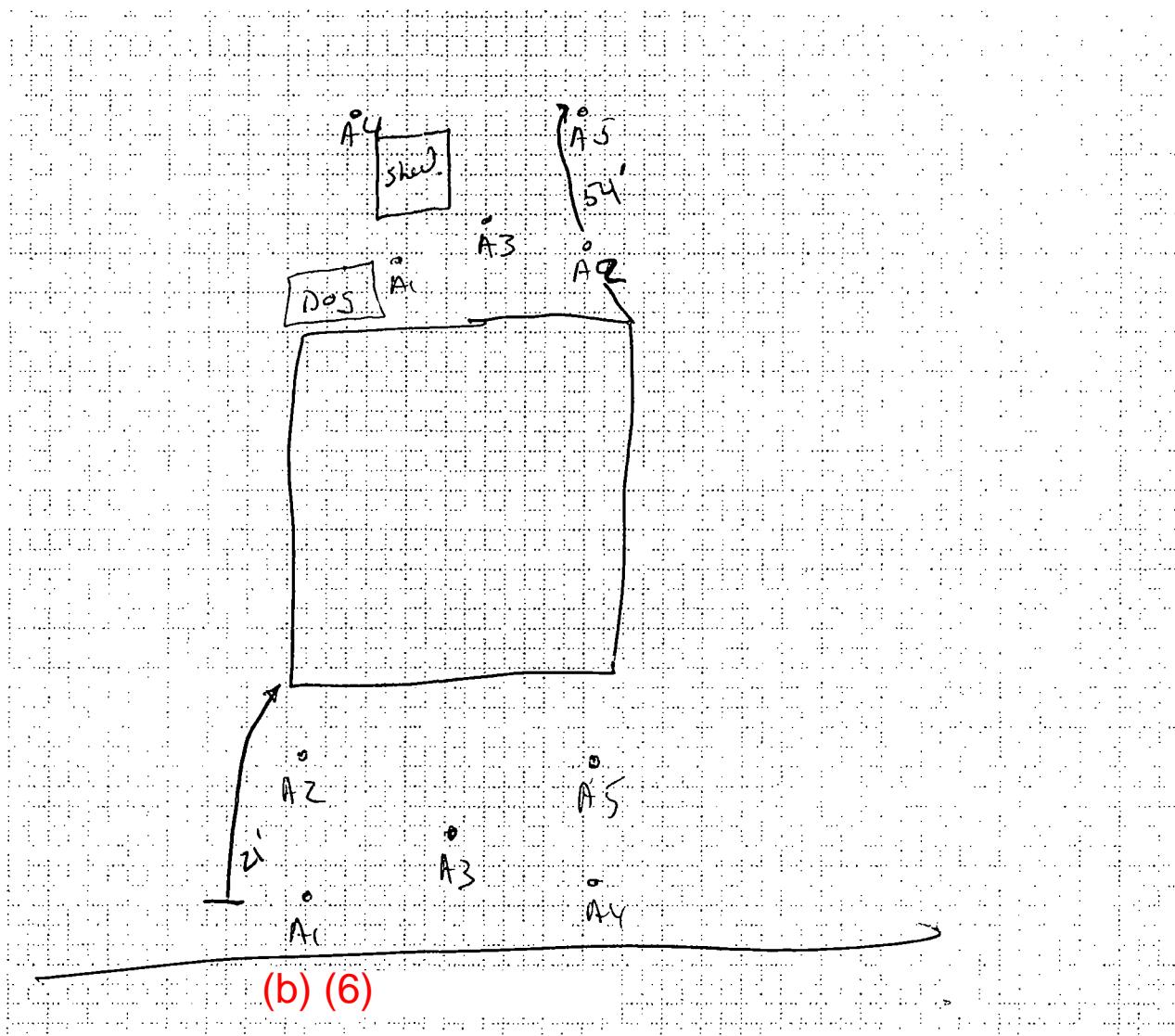
DATE: 1-8-13 ARRIVAL TIME: 1505

Other pertinent information (weather conditions, etc.):

63° cloudy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0479 SAMPLE ID: CV0479A-CS

SAMPLE COLLECTION TIME: 1525

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front Yard.

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #:	Logged? Y or N
Aliquot #1: Latitude: <u>33.55772864</u> N Longitude <u>86.80043286</u> W	
Media description: <u>Brown silty soil</u>	
Aliquot #2 Latitude: <u>33.55778670</u> N Longitude <u>86.80043864</u> W	
Media description: <u>Brown silty soil</u>	
Aliquot #3: Latitude: <u>33.55775683</u> N Longitude <u>86.80041778</u> W	
Media description: <u>Brown silty soil</u>	
Aliquot #4: Latitude: <u>33.55778893</u> N Longitude <u>86.80038968</u> W	
Media description: <u>Brown silty soil</u>	
Aliquot #5: Latitude: <u>33.55772735</u> N Longitude <u>86.80038611</u> W	
Media description: <u>Brown silty soil</u>	

STATION ID: CV0479 SAMPLE ID: CV0479B-CS

SAMPLE COLLECTION TIME: 1540

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Break Yard.

Collection: Composite or Grab MS/MSD? Y or N

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #:	Logged? Y or N
Aliquot #1: Latitude: <u>33.55770900</u> N Longitude <u>86.8006108</u> W	
Media description: <u>Brown silty soil</u>	
Aliquot #2 Latitude: <u>33.55775313</u> N Longitude <u>86.8004129</u> W	
Media description: <u>Brown silty soil</u>	
Aliquot #3: Latitude: <u>33.55772817</u> N Longitude <u>86.80011917</u> W	
Media description: <u>Brown silty soil</u>	
Aliquot #4: Latitude: <u>33.55772152</u> N Longitude <u>86.80003470</u> W	
Media description: <u>33.55772152</u>	
Aliquot #5: Latitude: <u>33.5577256</u> N Longitude <u>86.80003351</u> W	
Media description: <u>Brown silty soil</u>	

(b) (6)

ADDRESS: _____ PROPERTY ID: C V0159

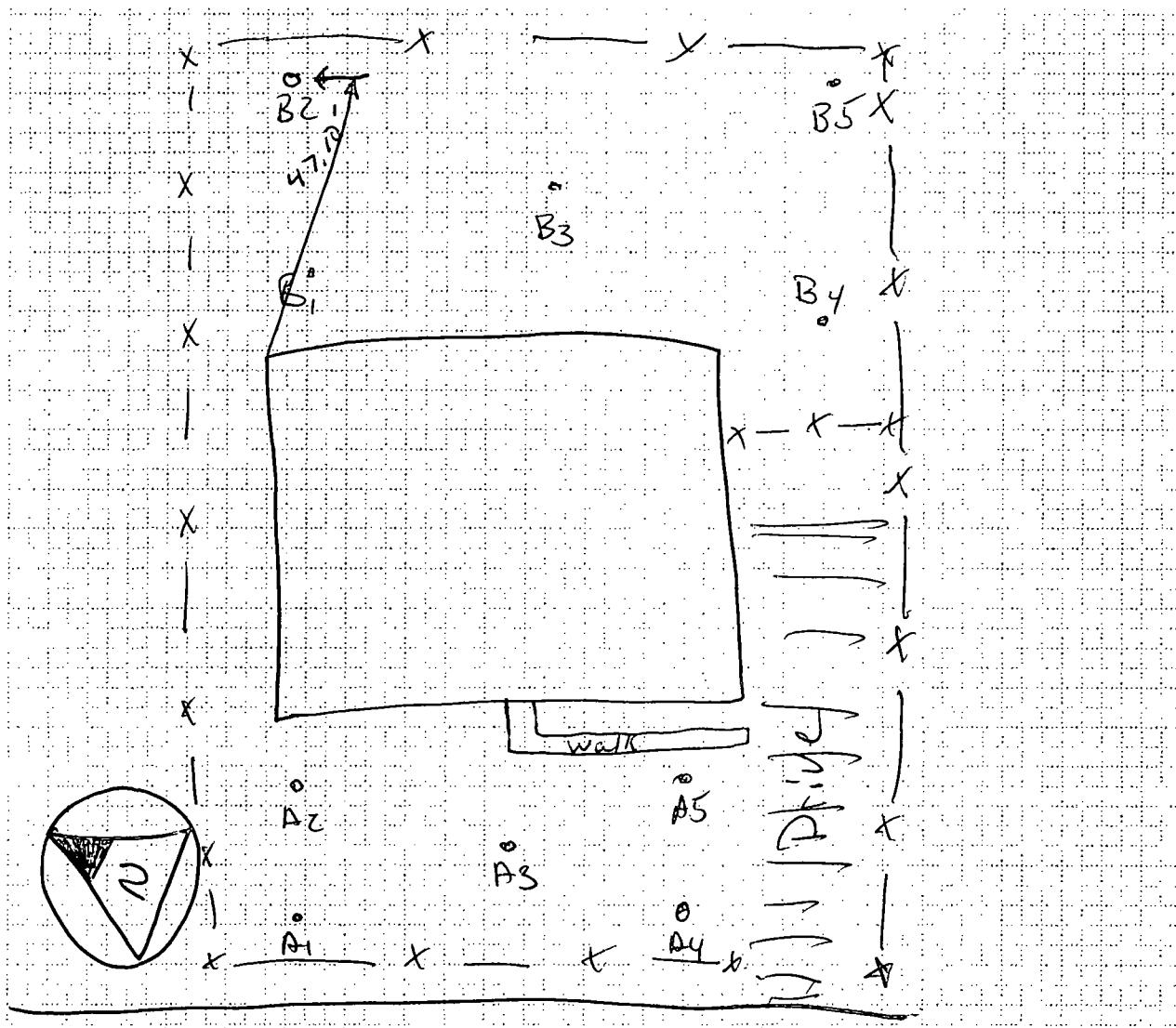
DATE: 1/9/2013 ARRIVAL TIME: 0930

Other pertinent information (weather conditions, etc.):

50° Rain

PROPERTY COMMENTS:

Grid for property sketch



(b) (6)

STATION ID: CV0159

SAMPLE ID: CV059A-CS

SAMPLE COLLECTION TIME: 0945 0950

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard.

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.55983874 N Longitude 86.80573457 W
Media description: Brown silty soil

Aliquot #2: Latitude: 33.55984738 N Longitude 86.80568948 W
Media description: Brown silty soil

Aliquot #3: Latitude: 33.55981037 N Longitude 86.80571439 W
Media description: Brown silty soil

Aliquot #4: Latitude: 33.55976208 N Longitude 86.80575243 W
Media description: Brown silty soil

Aliquot #5: Latitude: 33.55976157 N Longitude 86.80571317 W
Media description: Brown silty soil

STATION ID: CV0159

SAMPLE ID: CV0159A-CS-D

SAMPLE COLLECTION TIME: 0955

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard Dup.

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.55983874 N Longitude 86.80573457 W
Media description: Brown silty soil

Aliquot #2: Latitude: 33.55984738 N Longitude 86.80568948 W
Media description: Brown silty soil

Aliquot #3: Latitude: 33.55984037 N Longitude 86.80571439 W
Media description: Brown silty soil

Aliquot #4: Latitude: 33.55976208 N Longitude 86.80575243 W
Media description: Brown silty soil

Aliquot #5: Latitude: 33.55976157 N Longitude 86.80571317 W
Media description: Brown silty soil

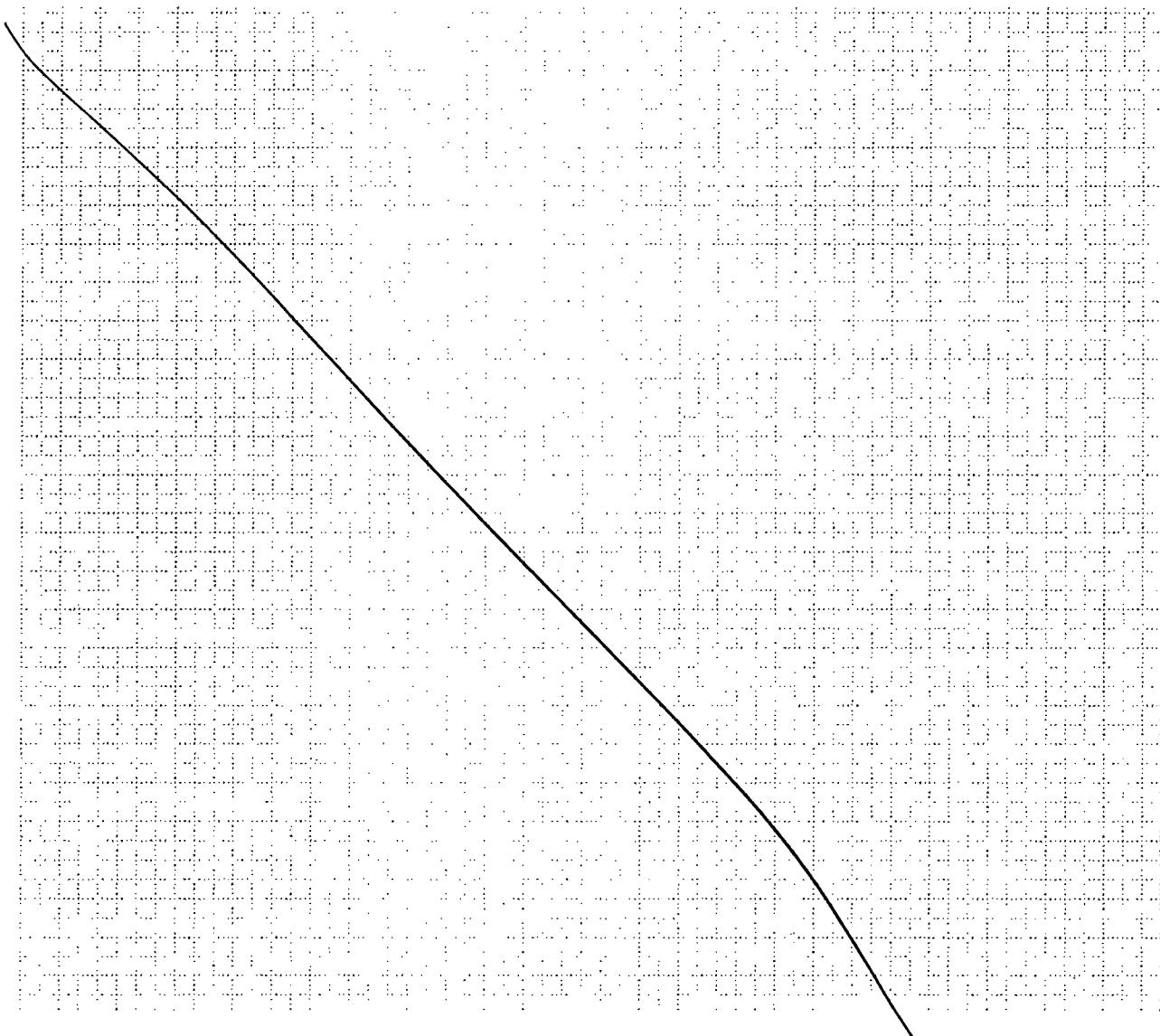
ADDRESS: Cont PROPERTY ID: Cvo159

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CVO159

SAMPLE ID: CVO159B-CS

SAMPLE COLLECTION TIME: 1000

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>] Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55983748</u>	N Longitude <u>86.80553235</u> W
Media description:	<u>Brown Silt soil</u>	
Aliquot #2 Latitude:	<u>33.55984581</u>	N Longitude <u>86.80541389</u> W
Media description:	<u>Brown Silt soil</u>	
Aliquot #3: Latitude:	<u>33.55980055</u>	N Longitude <u>86.80549368</u> W
Media description:	<u>Brown Silt soil</u>	
Aliquot #4: Latitude:	<u>33.55974221</u>	N Longitude <u>86.80553138</u> W
Media description:	<u>Brown Silt soil</u>	
Aliquot #5: Latitude:	<u>33.55973719</u>	N Longitude <u>86.80541486</u> W
Media description:	<u>Brown Silt soil</u>	

STATION ID: _____ SAMPLE ID: _____

~~SAMPLE COLLECTION TIME:~~ _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [<input type="checkbox"/>] Instrument #:	Logged? Y or N	
Aliquot #1: Latitude:	<u>33.55983748</u>	N Longitude <u>86.80553235</u> W
Media description:	<u>Brown Silt soil</u>	
Aliquot #2 Latitude:	<u>33.55984581</u>	N Longitude <u>86.80541389</u> W
Media description:	<u>Brown Silt soil</u>	
Aliquot #3: Latitude:	<u>33.55980055</u>	N Longitude <u>86.80549368</u> W
Media description:	<u>Brown Silt soil</u>	
Aliquot #4: Latitude:	<u>33.55974221</u>	N Longitude <u>86.80553138</u> W
Media description:	<u>Brown Silt soil</u>	
Aliquot #5: Latitude:	<u>33.55973719</u>	N Longitude <u>86.80541486</u> W
Media description:	<u>Brown Silt soil</u>	

(b) (6)

ADDRESS: _____ PROPERTY ID: CV0097

DATE: 1/9/13 ARRIVAL TIME: 1030

Other pertinent information (weather conditions, etc.):

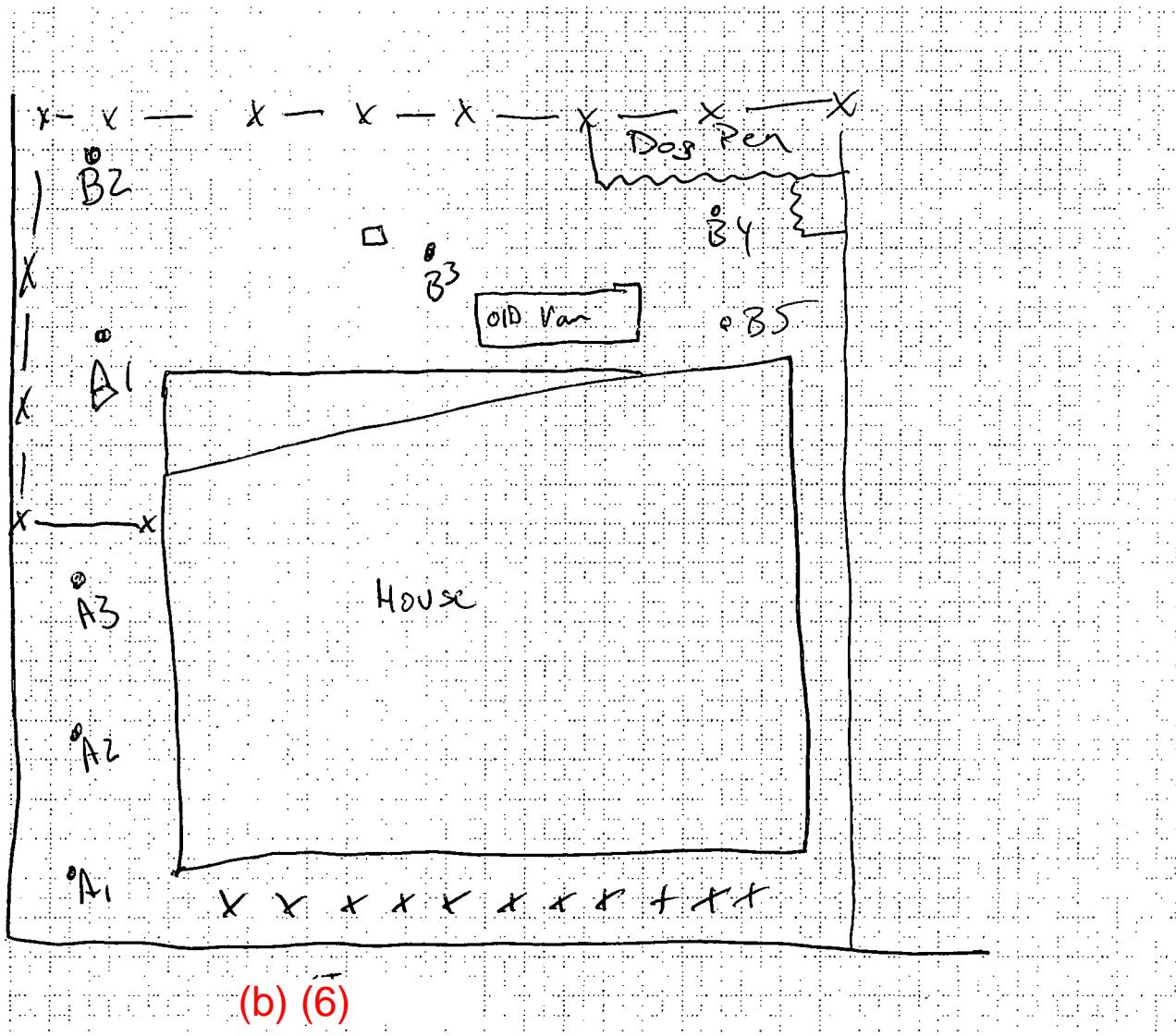
50° Rain

PROPERTY COMMENTS:

Frat yard No access to

Grid for property sketch

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N



(b) (6)

STATION ID: CV0097 SAMPLE ID: CV0097 A-CS

SAMPLE COLLECTION TIME: 1055

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

South side yard.

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.5582009</u>	N Longitude <u>86.80516644</u> W
Media description:	<u>Brown Silty Soil</u>	
Aliquot #2 Latitude:	<u>33.55821554</u>	N Longitude <u>86.80509842</u> W
Media description:	<u>Brown Silty Soil</u>	
Aliquot #3: Latitude:	<u>33.55821350</u>	N Longitude <u>86.80505258</u> W
Media description:	<u>Brown Silty Soil</u>	
Aliquot #4: Latitude:	<u> </u>	N Longitude <u> </u> W
Media description:	<u> </u>	
Aliquot #5: Latitude:	<u> </u>	N Longitude <u> </u> W
Media description:	<u> </u>	

STATION ID: CV0097 SAMPLE ID: CV0097 B-CS

SAMPLE COLLECTION TIME: 1110

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard.

Collection: Composite or Grab MS/MSD? Y or N

GPS Coordinates: Trimble [✓] Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55822230</u>	N Longitude <u>86.80521494</u> W
Media description:	<u>Brown Silty Soil</u>	
Aliquot #2 Latitude:	<u>33.55822323</u>	N Longitude <u>86.80535739</u> W
Media description:	<u>Brown Silty Soil</u>	
Aliquot #3: Latitude:	<u>33.55825929</u>	N Longitude <u>86.80527778</u> W
Media description:	<u>Brown Silty Soil</u>	
Aliquot #4: Latitude:	<u>33.55829704</u>	N Longitude <u>86.80531464</u> W
Media description:	<u>Brown Silty Soil</u>	
Aliquot #5: Latitude:	<u>33.55831407</u>	N Longitude <u>86.80522232</u> W
Media description:	<u>Brown Silty Soil</u>	

(b) (6)

ADDRESS: _____ PROPERTY ID: CR0261

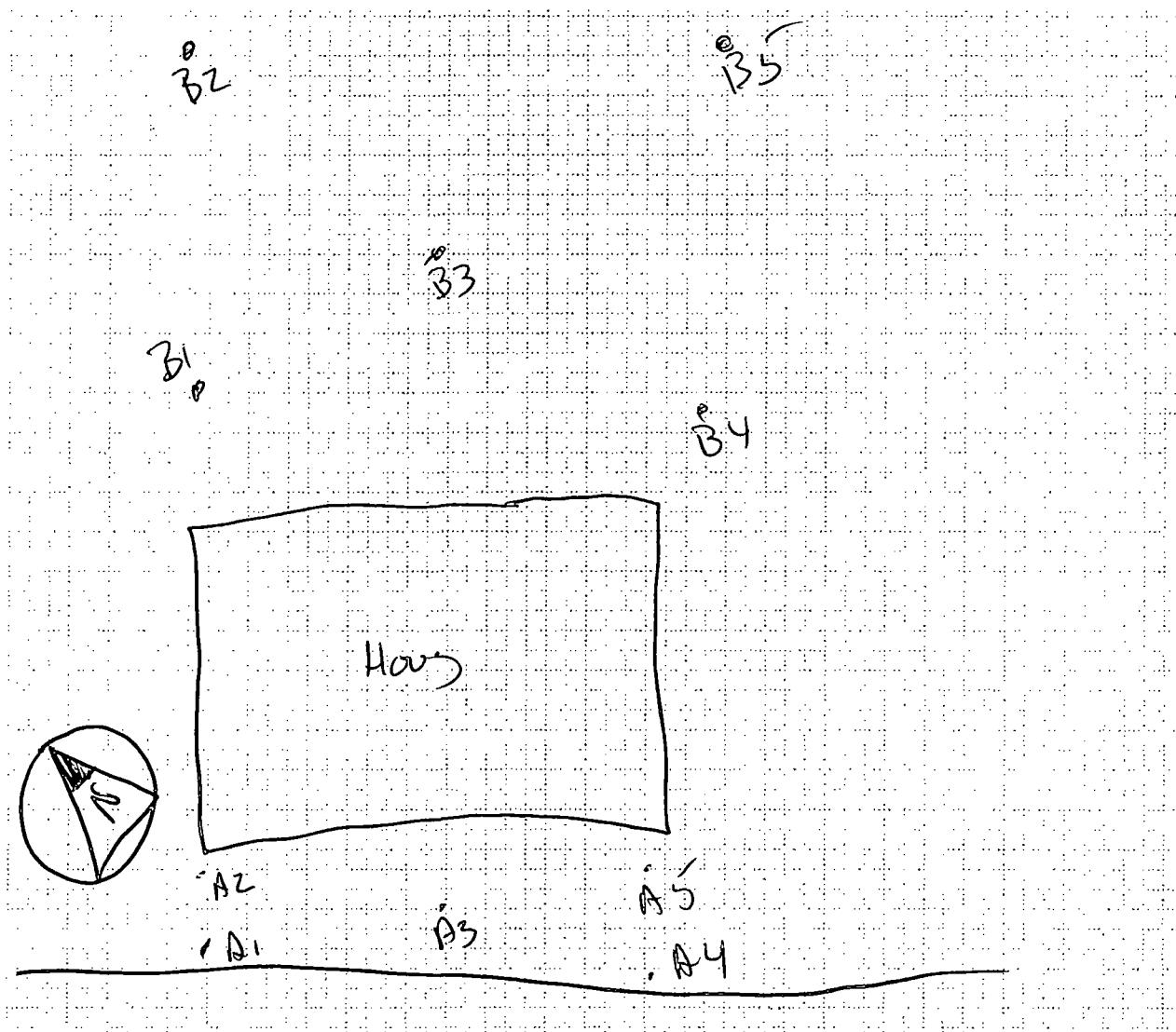
DATE: 1/9/13 ARRIVAL TIME: 1320

Other pertinent information (weather conditions, etc.):

55° Rain

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0261

SAMPLE ID: CV0261A-CS

SAMPLE COLLECTION TIME: 1335

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard.

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.55657956 N Longitude 86.80270930 W
Media description: Brown Silty Soil

Aliquot #2: Latitude: 33.55657277 N Longitude 86.80266935 W
Media description: Brown Silty Soil

Aliquot #3: Latitude: 33.55662041 N Longitude 86.80268799 W
Media description: Brown Silty Soil

Aliquot #4: Latitude: 33.55665348 N Longitude 86.80271467 W
Media description: Brown Silty Soil

Aliquot #5: Latitude: 33.55665692 N Longitude 86.80267931 W
Media description: Brown Silty Soil

STATION ID: CV0261

SAMPLE ID: CV0261B-CS/D

SAMPLE COLLECTION TIME: 1350 & DUP 1355

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard.

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID: CV0261B-CS-D

GPS Coordinates: Trimble [] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.55654016 N Longitude 86.80244971 W
Media description: Brown Silty Soil

Aliquot #2: Latitude: 33.55665068 N Longitude 86.80245150 W
Media description: Brown Silty Soil

Aliquot #3: Latitude: 33.55660344 N Longitude 86.80236532 W
Media description: Brown Silty Soil

Aliquot #4: Latitude: 33.55665550 N Longitude 86.80227955 W
Media description: Black Silty Soil

Aliquot #5: Latitude: 33.556655984 N Longitude 86.80229035 W
Media description: Brown Silty Soil

(b) (6)

ADDRESS:

PROPERTY ID: C10014

DATE: 1/9/13

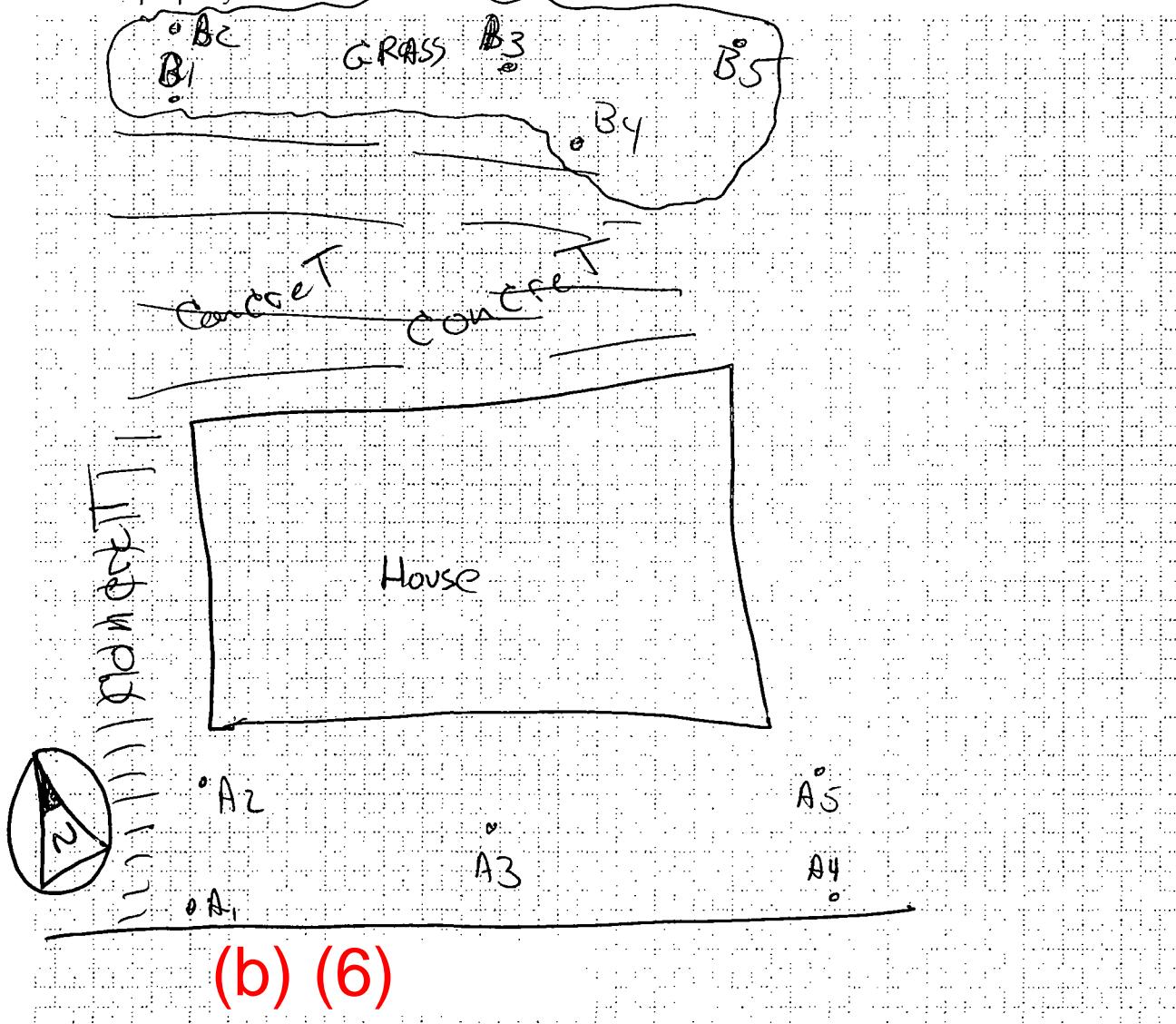
ARRIVAL TIME: 1415

Other pertinent information (weather conditions, etc.):

62° Rain

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CV0214 SAMPLE ID: CV0214A-CS

SAMPLE COLLECTION TIME: 1435

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard.

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55511178</u>	N Longitude <u>86.80159971</u> W
Media description:	<u>Brown Silty Soil</u>	
Aliquot #2 Latitude:	<u>33.55511413</u>	N Longitude <u>86.80156960</u> W
Media description:	<u>Brown silty soil</u>	
Aliquot #3: Latitude:	<u>33.55508007</u>	N Longitude <u>86.80158807</u> W
Media description:	<u>Brown silty soil</u>	
Aliquot #4: Latitude:	<u>33.55502920</u>	N Longitude <u>86.80159908</u> W
Media description:	<u>Brown Silty Soil</u>	
Aliquot #5: Latitude:	<u>33.55502658</u>	N Longitude <u>86.80157996</u> W
Media description:	<u>Brown silty soil</u>	

STATION ID: CV0214 SAMPLE ID: CV0214B-CS

SAMPLE COLLECTION TIME: 1458

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back yard

Collection: Composite or Grab MS/MSD? Y or N

GPS Coordinates: Trimble <input checked="" type="checkbox"/> Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55511514</u>	N Longitude <u>86.80115757</u> W
Media description:	<u>Black silty soil wet</u>	
Aliquot #2 Latitude:	<u>33.55508327</u>	N Longitude <u>86.80117268</u> W
Media description:	<u>Black silty soil wet</u>	
Aliquot #3: Latitude:	<u>33.55508325</u>	N Longitude <u>86.80119966</u> W
Media description:	<u>Black silty soil wet</u>	
Aliquot #4: Latitude:	<u>33.55502263</u>	N Longitude <u>86.80115378</u> W
Media description:	<u>Black silty soil wet</u>	
Aliquot #5: Latitude:	<u>33.55501243</u>	N Longitude <u>86.80120474</u> W
Media description:	<u>Black silty soil wet</u>	

(b) (6)

ADDRESS: _____

PROPERTY ID: CV0205

DATE: 1/9/13

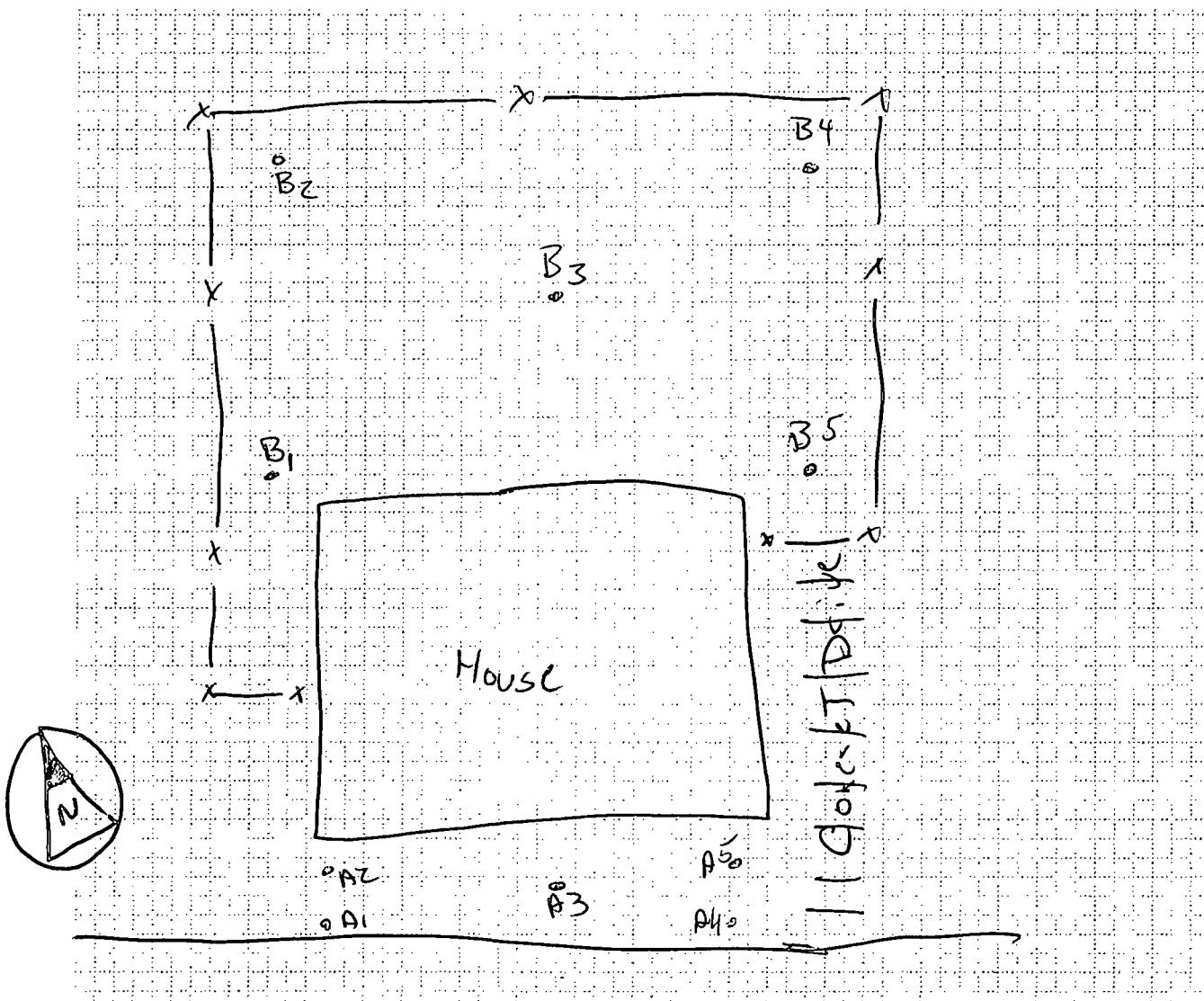
ARRIVAL TIME: 1515

Other pertinent information (weather conditions, etc.):

62° Rain

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: CVOZOS SAMPLE ID: CVOZOSA

SAMPLE COLLECTION TIME: 1537

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front Yard.

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55467261</u>	N Longitude <u>86.80159772</u> W
Media description:	<u>Brown Silty Soil</u>	
Aliquot #2 Latitude:	<u>33.55466996</u>	N Longitude <u>86.80156210</u> W
Media description:	<u>Brown Silty Soil Red Clay</u>	
Aliquot #3: Latitude:	<u>33.55470403</u>	N Longitude <u>86.80157878</u> W
Media description:	<u>Brown Silty Soil Red Clay</u>	
Aliquot #4: Latitude:	<u>33.55474233</u>	N Longitude <u>86.80159691</u> W
Media description:	<u>Brown Silty soil Red Clay</u>	
Aliquot #5: Latitude:	<u>33.55474415</u>	N Longitude <u>86.80156156</u> W
Media description:	<u>Brown Silty Soil Red clay</u>	

STATION ID: CVOZOS SAMPLE ID: CVOZOS B

SAMPLE COLLECTION TIME: 1522

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:		
GPS Coordinates: Trimble [✓] Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.55475485</u>	N Longitude <u>86.80134169</u> W
Media description:		
Aliquot #2 Latitude:	<u>33.55474487</u>	N Longitude <u>86.80117098</u> W
Media description:		
Aliquot #3: Latitude:	<u>33.55469525</u>	N Longitude <u>86.80124487</u> W
Media description:		
Aliquot #4: Latitude:	<u>33.55464310</u>	N Longitude <u>86.80132322</u> W
Media description:		
Aliquot #5: Latitude:	<u>33.55463709</u>	N Longitude <u>86.80115049</u> W
Media description:		

(b) (6)

ADDRESS: _____ PROPERTY ID: FM-0184

DATE: 1/10/13 ARRIVAL TIME: 1400

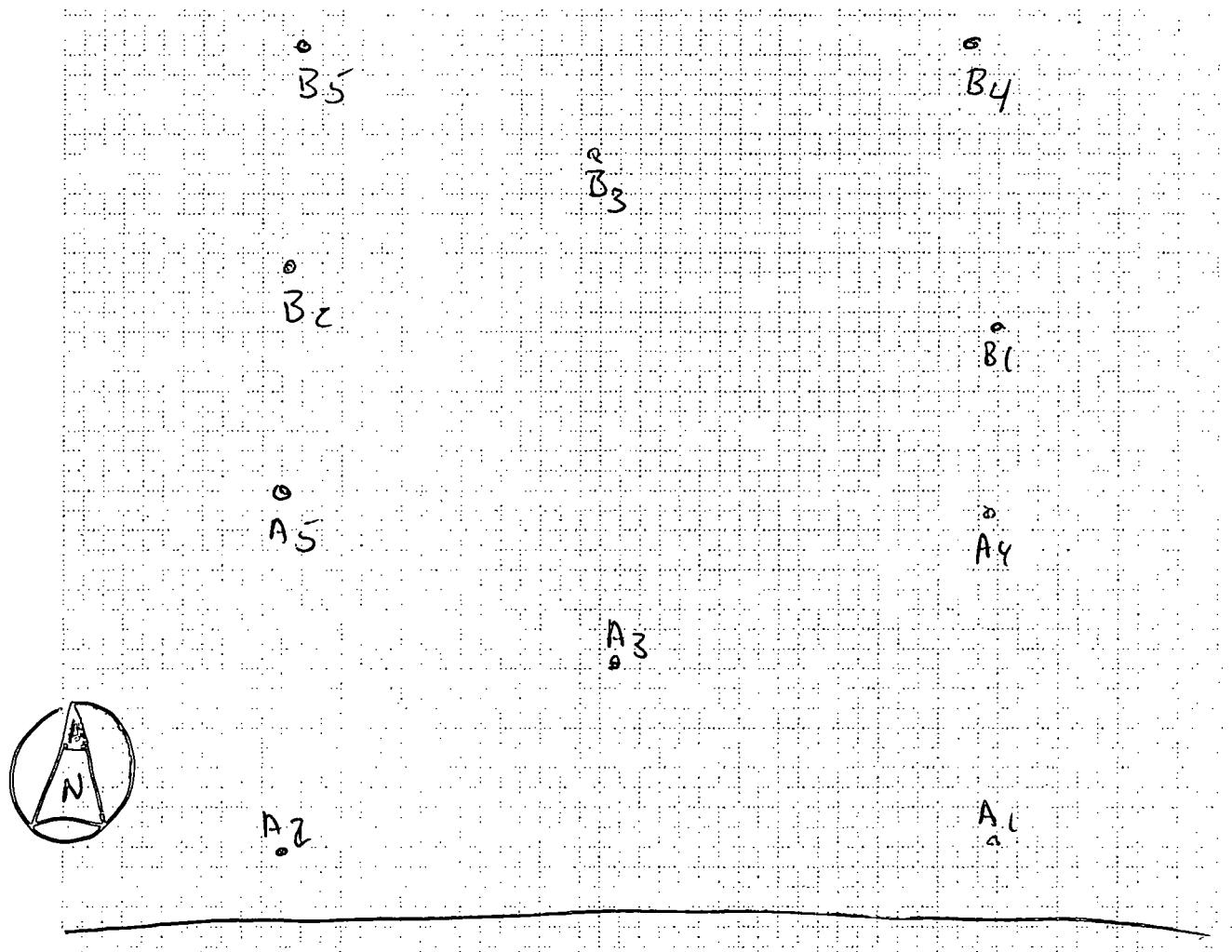
Other pertinent information (weather conditions, etc.):

65° Rain

PROPERTY COMMENTS:

Empty Parcel

Grid for property sketch



(b) (6)

STATION ID: Fm - 0184 SAMPLE ID: Fm - 0184 A - CS

SAMPLE COLLECTION TIME: 1405

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front Part of Parcel

Pic - 1

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.57037466</u>	N Longitude <u>86.80657239</u> W
Media description:	<u>Brown Silt Soil</u>	
Aliquot #2 Latitude:	<u>33.57037293</u>	N Longitude <u>86.80665639</u> W
Media description:	<u>Brown Silt Soil</u>	
Aliquot #3: Latitude:	<u>33.57042724</u>	N Longitude <u>86.80663211</u> W
Media description:	<u>Brown Silt Soil</u>	
Aliquot #4: Latitude:	<u>33.57048902</u>	N Longitude <u>86.80658987</u> W
Media description:	<u>Brown Silt Soil</u>	
Aliquot #5: Latitude:	<u>33.57047600</u>	N Longitude <u>86.80670684</u> W
Media description:	<u>Brown Silt Soil</u>	

STATION ID: Fm - 0184 SAMPLE ID: Fm - 0184 B - CS

SAMPLE COLLECTION TIME: 1420

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Back Part of parcel

Pic - 2

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.57050548</u>	N Longitude <u>86.80661060</u> W
Media description:	<u>Brown Silt Soil with clay</u>	
Aliquot #2 Latitude:	<u>33.57050559</u>	N Longitude <u>86.80670656</u> W
Media description:	<u>Brown Silt Soil with Clay</u>	
Aliquot #3: Latitude:	<u>33.57056953</u>	N Longitude <u>86.80665931</u> W
Media description:	<u>Brown Silt Soil with Clay</u>	
Aliquot #4: Latitude:	<u>33.57062340</u>	N Longitude <u>86.80671459</u> W
Media description:	<u>Brown Silt Soil with Clay</u>	
Aliquot #5: Latitude:	<u>33.57066388</u>	N Longitude <u>86.80662254</u> W
Media description:	<u>Brown Silt Soil with Clay</u>	

(b) (6)

ADDRESS:

PROPERTY ID: Fm - 0187 .

DATE: 1/10/13

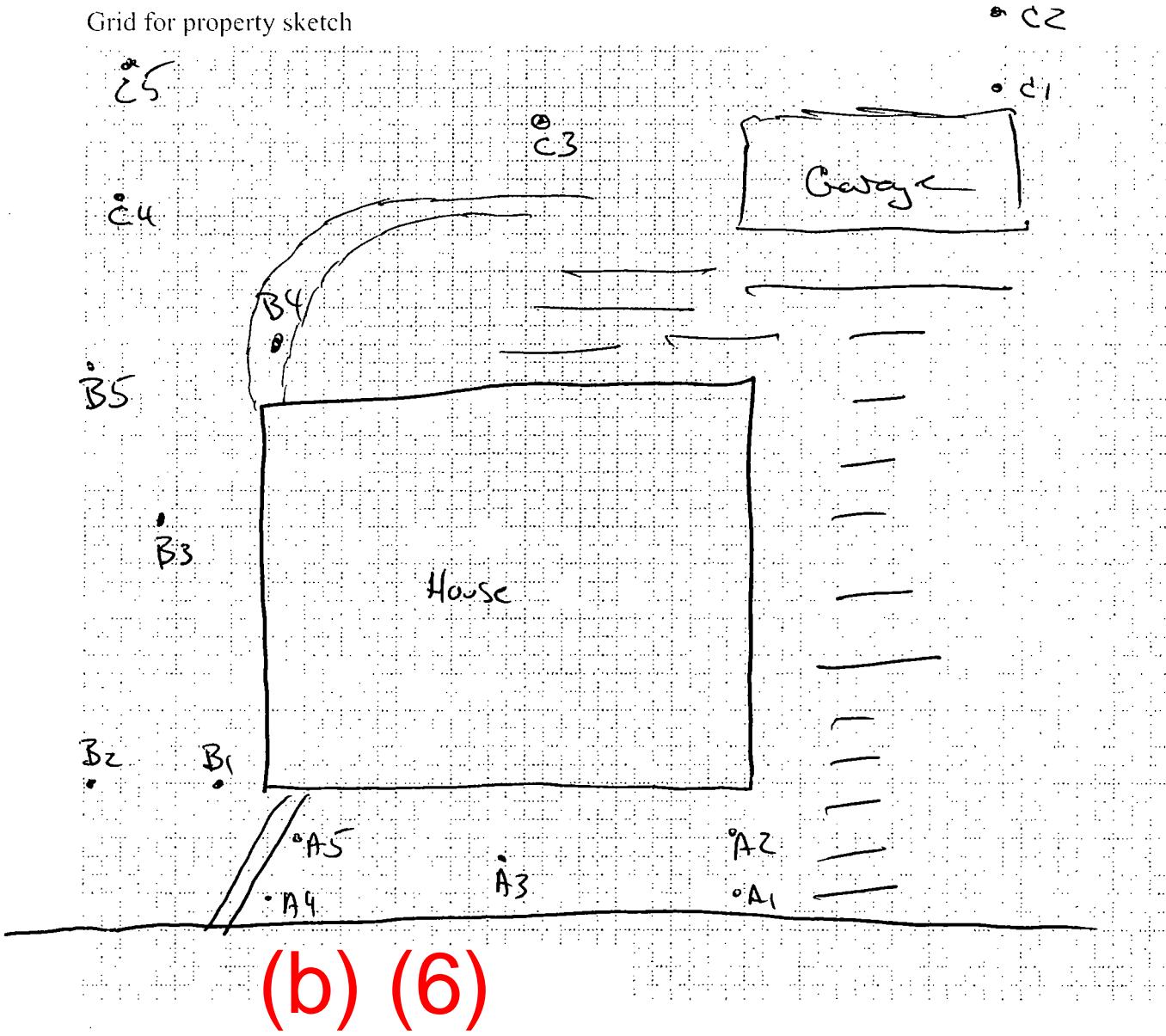
ARRIVAL TIME: 1450

Other pertinent information (weather conditions, etc.):

65° Rain

PROPERTY COMMENTS:

Grid for property sketch



(b) (6)

STATION ID: Fm-0189

SAMPLE ID: Fm-0189A-CS

SAMPLE COLLECTION TIME: 1520

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Front yard.

Pic-6

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #: 020168

Logged? Y or N

Aliquot #1: Latitude: 33.57034832 N Longitude 86.80627752 W

Media description: Brown S.ity Soil

Aliquot #2 Latitude: 33.57036979 N Longitude 86.80627797 W

Media description: Brown S.ity Soil

Aliquot #3: Latitude: 33.57035757 N Longitude 86.80632461 W

Media description: Brown S.ity Soil

Aliquot #4: Latitude: 33.57037170 N Longitude 86.80638558 W

Media description: Brown S.ity Soil

Aliquot #5: Latitude: 33.57035424 N Longitude 86.80632110 W

Media description: Brown S.ity Soil

STATION ID: Fm-0189

SAMPLE ID: Fm-0189B-CS

SAMPLE COLLECTION TIME: 1540

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

SIDE yard.

Pic 7

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #: 020168

Logged? Y or N

Aliquot #1: Latitude: 33.57039376 N Longitude 86.80639306 W

Media description: _____

Aliquot #2 Latitude: 33.57039868 N Longitude 86.80646638 W

Media description: _____

Aliquot #3: Latitude: 33.57048222 N Longitude 86.80642580 W

Media description: _____

Aliquot #4: Latitude: 33.57054296 N Longitude 86.80636863 W

Media description: _____

Aliquot #5: Latitude: 33.57055439 N Longitude 86.80646658 W

Media description: _____

(b) (6)

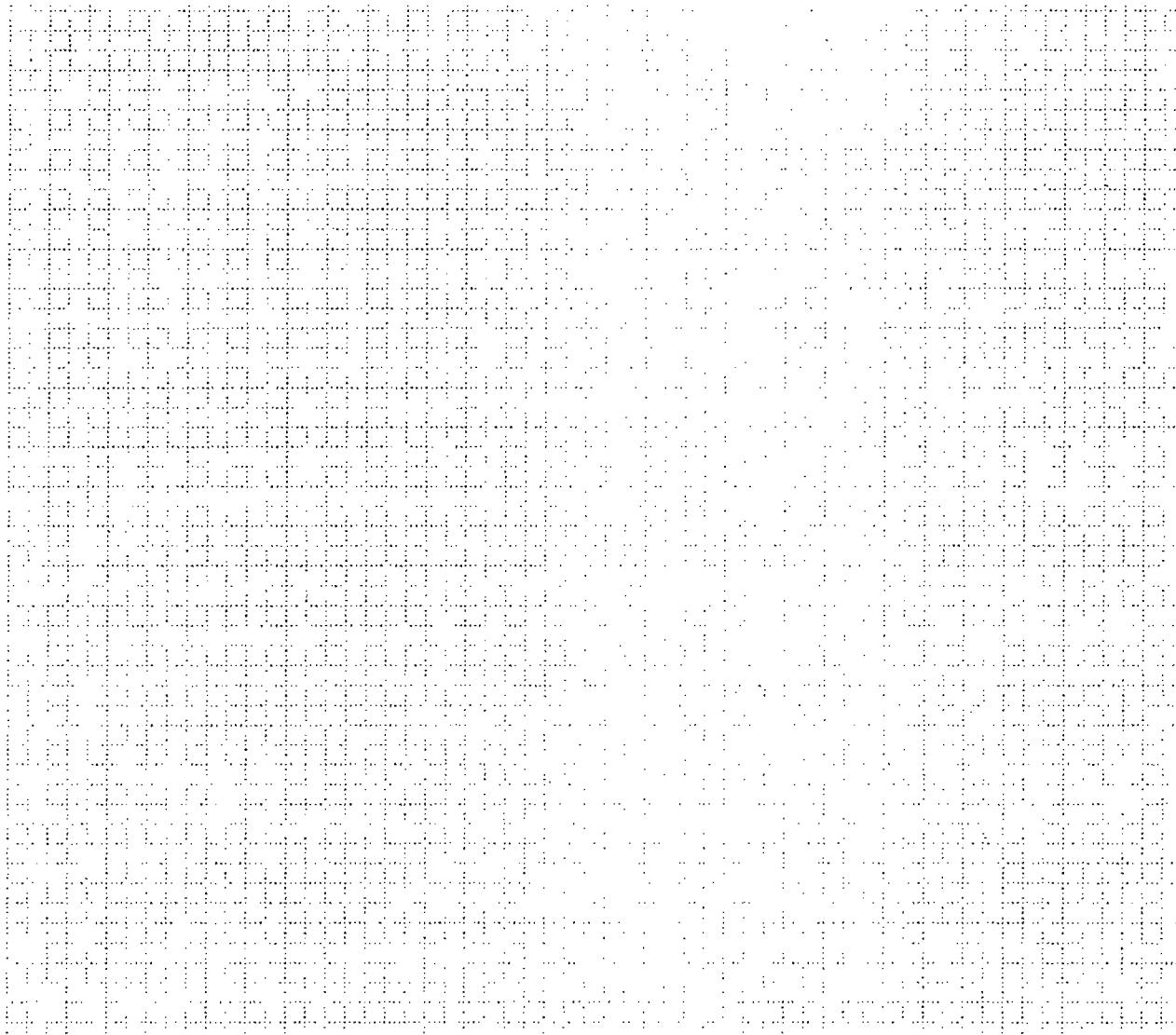
ADDRESS: _____ PROPERTY ID: _____

DATE: Cont ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: Fm-0187

SAMPLE ID: Fm-0187C

SAMPLE COLLECTION TIME: 15:50 1/21/13

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Backyard.

P.Z-849

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.57064987 N Longitude 86.80626751 W

Media description:

Aliquot #2: Latitude: 33.57069548 N Longitude 86.80625067 W

Media description:

Aliquot #3: Latitude: 33.57064719 N Longitude 86.80635762 W

Media description:

Aliquot #4: Latitude: 33.57065698 N Longitude 86.80646673 W

Media description:

Aliquot #5: Latitude: 33.57060815 N Longitude 86.80646454 W

Media description:

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

1/10/13

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: _____ N Longitude _____ W

Media description:

Aliquot #2: Latitude: _____ N Longitude _____ W

Media description:

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description:

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description:

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description:

(b) (6)

ADDRESS:

PROPERTY ID: FM10105

DATE: 11/11/13

ARRIVAL TIME: 0835

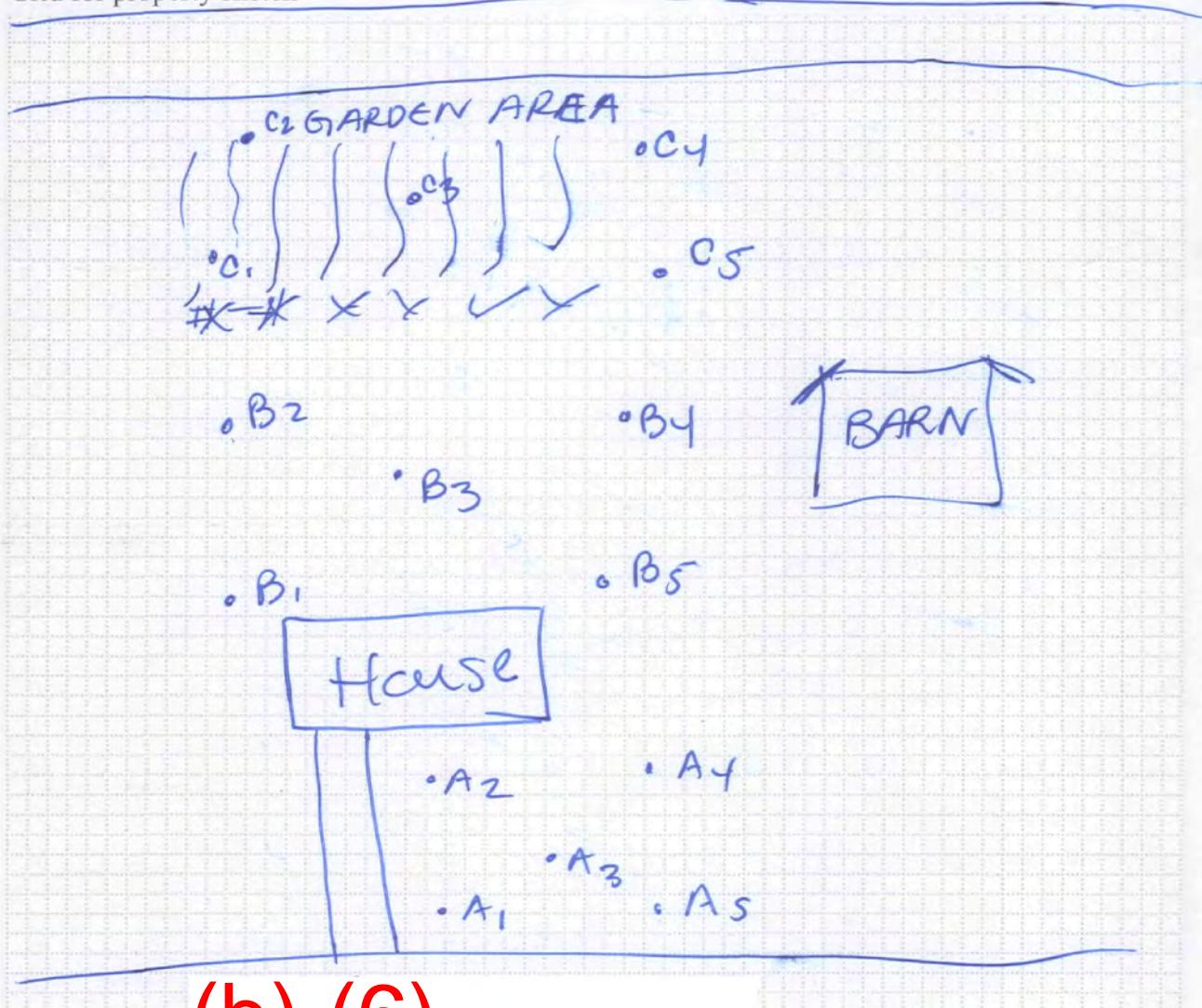
Other pertinent information (weather conditions, etc.):

63°F, Cloudy

PROPERTY COMMENTS:

Resident Home

Grid for property sketch



(b) (6)

STATION ID: FM010SA -

SAMPLE ID: FM010SA-CS

SAMPLE COLLECTION TIME: 0859

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: 020168 Logged? Y or N
Aliquot #1: Latitude: 33.56 9 69501 N Longitude 86.80398403 W
Media description: B1K Silty soil
Aliquot #2 Latitude: 33.56 9 694112 N Longitude 86.80392882 W
Media description: B1K Silty soil
Aliquot #3: Latitude: 33.56 9 68388 N Longitude 86.80396398 W
Media description: Orange clay
Aliquot #4: Latitude: 33.56 9 56089 N Longitude 86.80392879 W
Media description: orange clay
Aliquot #5: Latitude: 33.56 9 55287 N Longitude 86.80398020 W
Media description: Brown Silty soil

STATION ID: FM010SB

SAMPLE ID: FM010SB-CS

SAMPLE COLLECTION TIME: 0907

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: 020168 Logged? Y or N
Aliquot #1: Latitude: 33.56 9 70029 N Longitude 86.80364773 W
Media description: Brown Silty soil
Aliquot #2 Latitude: 33.56 9 71813 N Longitude 86.80350390 W
Media description: Brown Silty soil
Aliquot #3: Latitude: 33.56 9 62822 N Longitude 86.80357715 W
Media description: Brown Silty soil
Aliquot #4: Latitude: 33.56 9 54976 N Longitude 86.80352919 W
Media description: Brown Silty soil
Aliquot #5: Latitude: 33.56 9 54704 N Longitude 86.80366184 W
Media description: Brown Silty soil

ADDRESS: _____ PROPERTY ID: _____

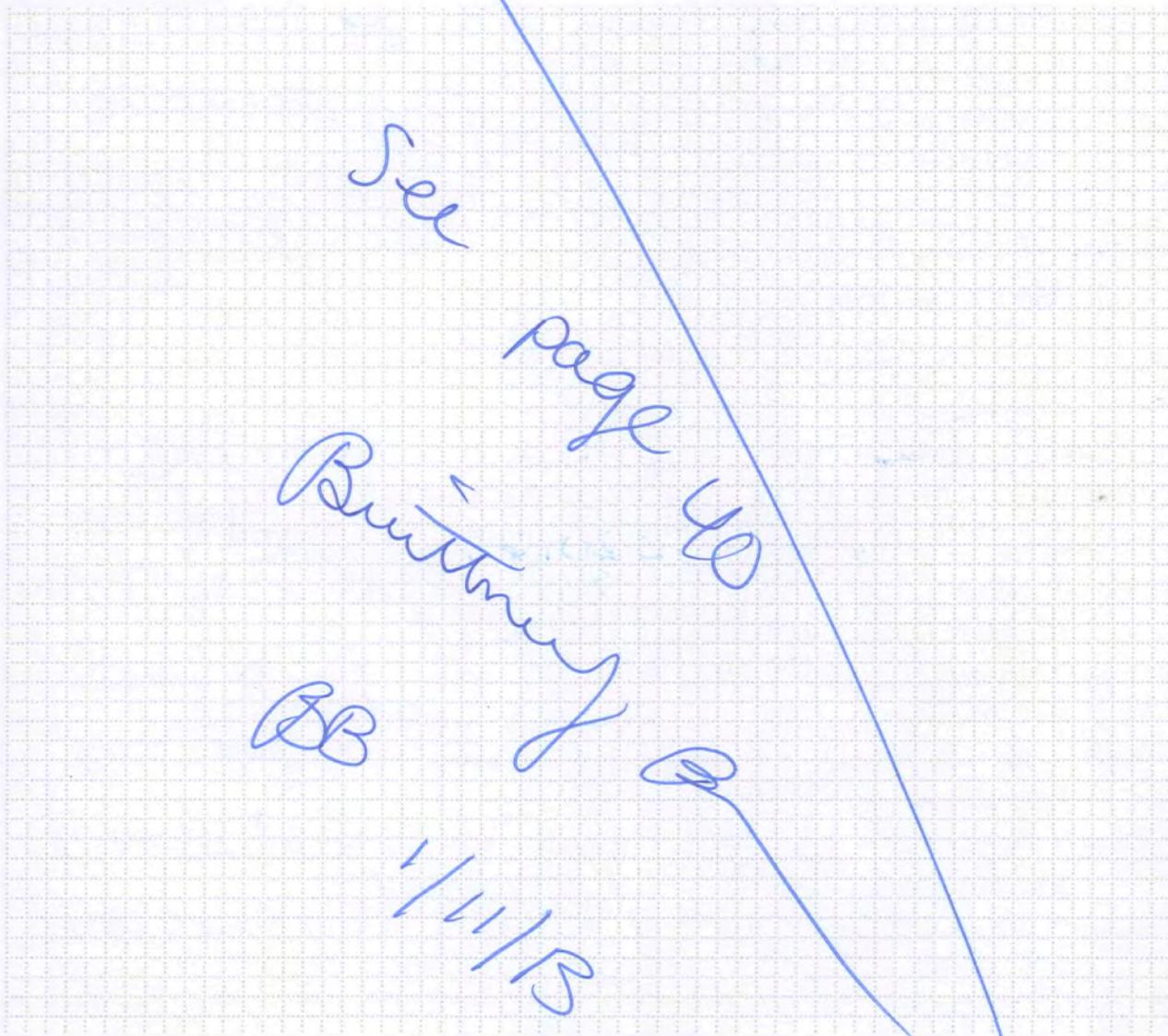
DATE: 1/11/13 ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

63°F, cloudy

PROPERTY COMMENTS:

Grid for property sketch



STATION ID: FM010SC

SAMPLE ID: FM010SC-CS

SAMPLE COLLECTION TIME: 0933

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:	<u>33.56971001</u>	N Longitude	<u>86.80342846</u> W
Media description:	<u>Brown Silty Soil</u>		
Aliquot #2 Latitude:	<u>33.56970840</u>	N Longitude	<u>86.80331508</u> W
Media description:	<u>Brown Silty Soil</u>		
Aliquot #3: Latitude:	<u>33.56965265</u>	N Longitude	<u>86.80337305</u> W
Media description:	<u>Brown Silty Soil</u>		
Aliquot #4: Latitude:	<u>33.56955741</u>	N Longitude	<u>86.80331650</u> W
Media description:	<u>Brown Silty Soil</u>		
Aliquot #5: Latitude:	<u>33.56955729</u>	N Longitude	<u>86.80341868</u> W
Media description:	<u>Brown Silty Soil</u>		

STATION ID: _____ SAMPLE ID: _____

SAMPLE COLLECTION TIME: _____

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or <u>No</u> If yes, indicate Duplicate/split sample station ID:			
<u>Britney</u>			
GPS Coordinates: Trimble [<input checked="" type="checkbox"/>]	Instrument #:	<u>020168</u>	Logged? Y or N
Aliquot #1: Latitude:		N Longitude	W
Media description:			
Aliquot #2 Latitude:		N Longitude	W
Media description:			
Aliquot #3: Latitude:		N Longitude	W
Media description:			
Aliquot #4: Latitude:		N Longitude	W
Media description:			
Aliquot #5: Latitude:		N Longitude	W
Media description:			

(b) (6)

ADDRESS:

PROPERTY ID: FM0103

DATE: 1/11/13

ARRIVAL TIME: 0835

Other pertinent information (weather conditions, etc.):

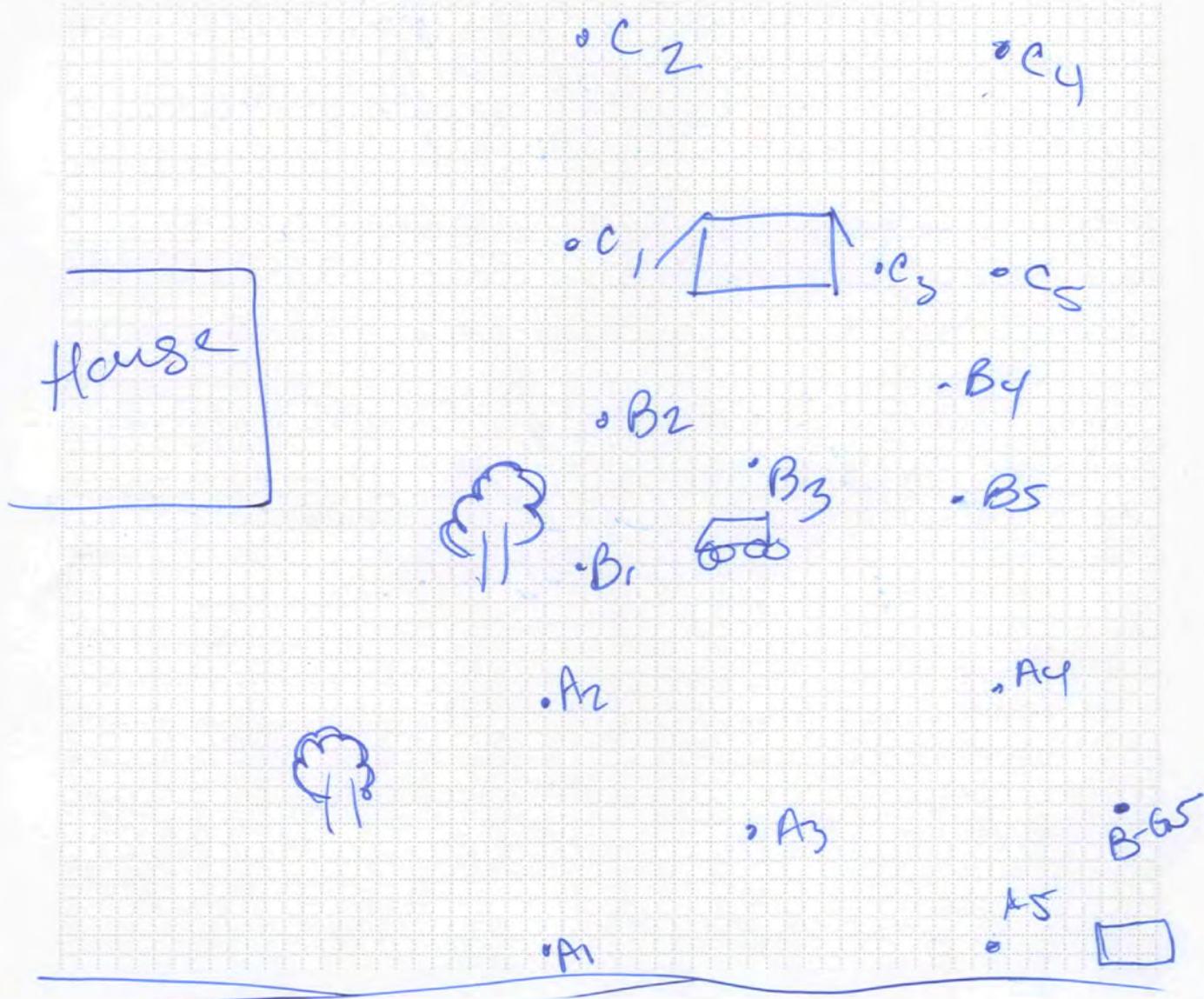
63°F, cloudy

PROPERTY COMMENTS:

Side Vacant lot 70

(b) (6)

Grid for property sketch



STATION ID: FM0103A

SAMPLE ID: FM0103A-CS

SAMPLE COLLECTION TIME: 0932

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

FRONT LOT

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.56952853 N Longitude 86.80399132 W

Media description: DK brown Silty soil

Aliquot #2 Latitude: 33.56949950 N Longitude 86.80386896 W

Media description: light brown + orange clay

Aliquot #3: Latitude: 33.56944561 N Longitude 86.80393261 W

Media description: light brown + orange clay

Aliquot #4: Latitude: 33.56934086 N Longitude 86.80388214 W

Media description: DK brown Silty soil

Aliquot #5: Latitude: 33.56936436 N Longitude 86.80396867 W

Media description: light brown + orange clay

STATION ID: FM0103B

SAMPLE ID: FM0103B-GS

SAMPLE COLLECTION TIME: 0942

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [] Instrument #: 020168 Logged? Y or N

Aliquot #1: Latitude: 33.56935807 N Longitude 86.80396567 W

Media description: Brown Silty Soil + clay

Aliquot #2 Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #3: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #4: Latitude: _____ N Longitude _____ W

Media description: _____

Aliquot #5: Latitude: _____ N Longitude _____ W

Media description: _____

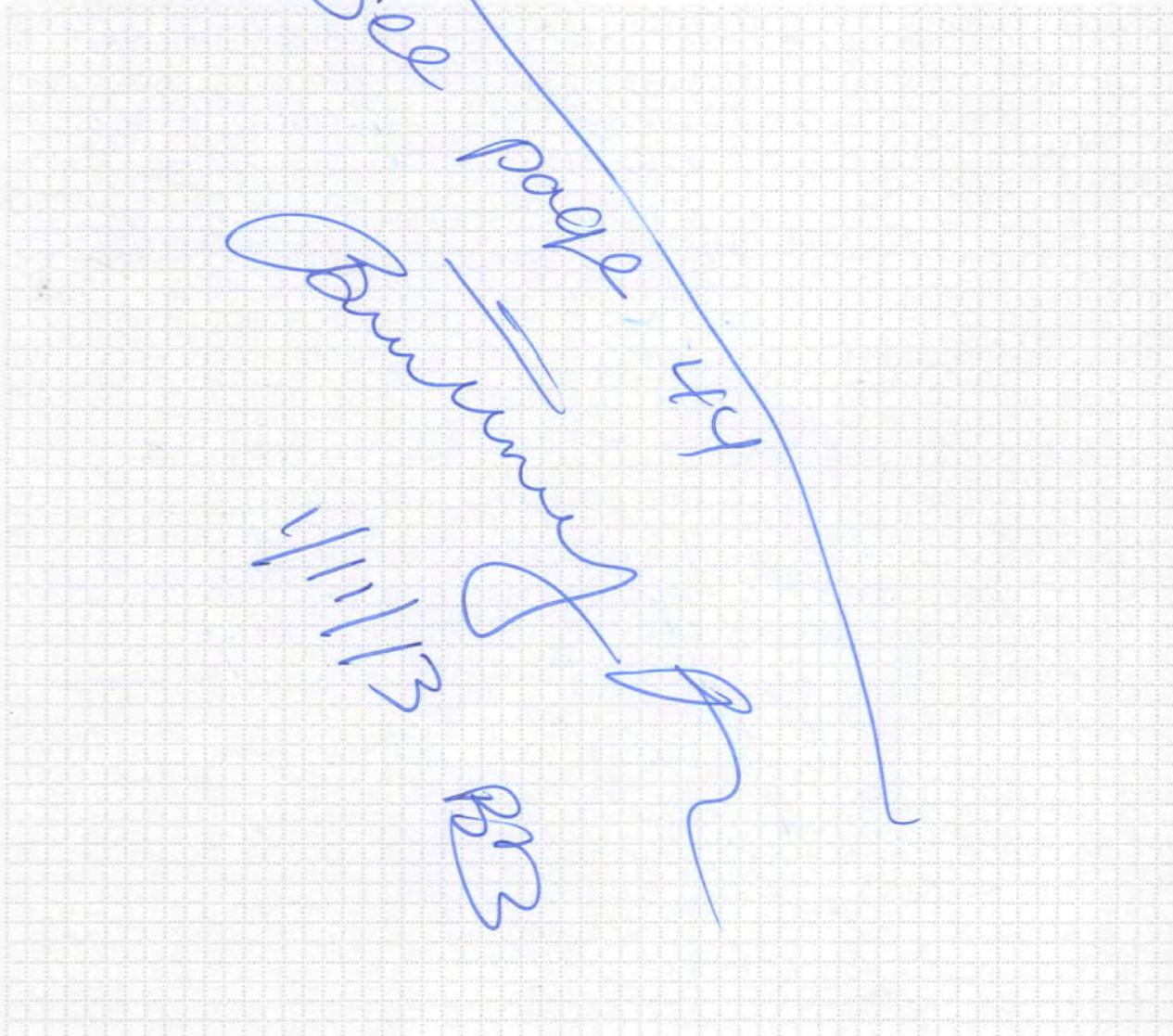
ADDRESS: _____ PROPERTY ID: _____

DATE: _____ ARRIVAL TIME: _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



• 2 • 4

• 3 • 5

STATION ID:

FM0103 C

SAMPLE ID:

FM0103C-CS

SAMPLE COLLECTION TIME:

0940

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

BACK LOT

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:

GPS Coordinates: Trimble [✓] Instrument #:	020168	Logged? Y or N
Aliquot #1: Latitude:	33.5694979	N Longitude 86.80375211 W
Media description:	OK brown silty clay damp w/ gravel	
Aliquot #2 Latitude:	33.56945832	N Longitude 86.80354519 W
Media description:	OK brown silty clay damp	
Aliquot #3: Latitude:	33.56941574	N Longitude 86.80366696 W
Media description:	orange silty clay damp	
Aliquot #4: Latitude:	33.56936493	N Longitude 86.80359323 W
Media description:	orange silty clay damp	
Aliquot #5: Latitude:	33.56937061	N Longitude 86.80375270 W
Media description:	OK brown silty clay damp	

STATION ID: FM 0103D SAMPLE ID: FM 0103D-CS

SAMPLE COLLECTION TIME:

0949

Description of sample location (front, back, side yard; vegetable garden; play set; ditch, etc):

BACK LOT

Collection: Composite or Grab

MS/MSD? Y or N

Field Duplicate or Split: Yes or No If yes, indicate Duplicate/split sample station ID:		
GPS Coordinates: Trimble [✓] Instrument #:	020168	Logged? Y or N
Aliquot #1: Latitude:	33.56947965	N Longitude 86.803441847 W
Media description:	OK brown silty clay damp	
Aliquot #2 Latitude:	33.56946448	N Longitude 86.80328030 W
Media description:	OK brown silty clay damp	
Aliquot #3: Latitude:	33.56937938	N Longitude 86.80341308 W
Media description:	Orange silty clay damp w/ gravel	
Aliquot #4: Latitude:	33.56932992	N Longitude 86.80329349 W
Media description:	Brown silty clay w/ gravel	
Aliquot #5: Latitude:	33.56933727	N Longitude 86.80344668 W
Media description:	orange silty clay damp	

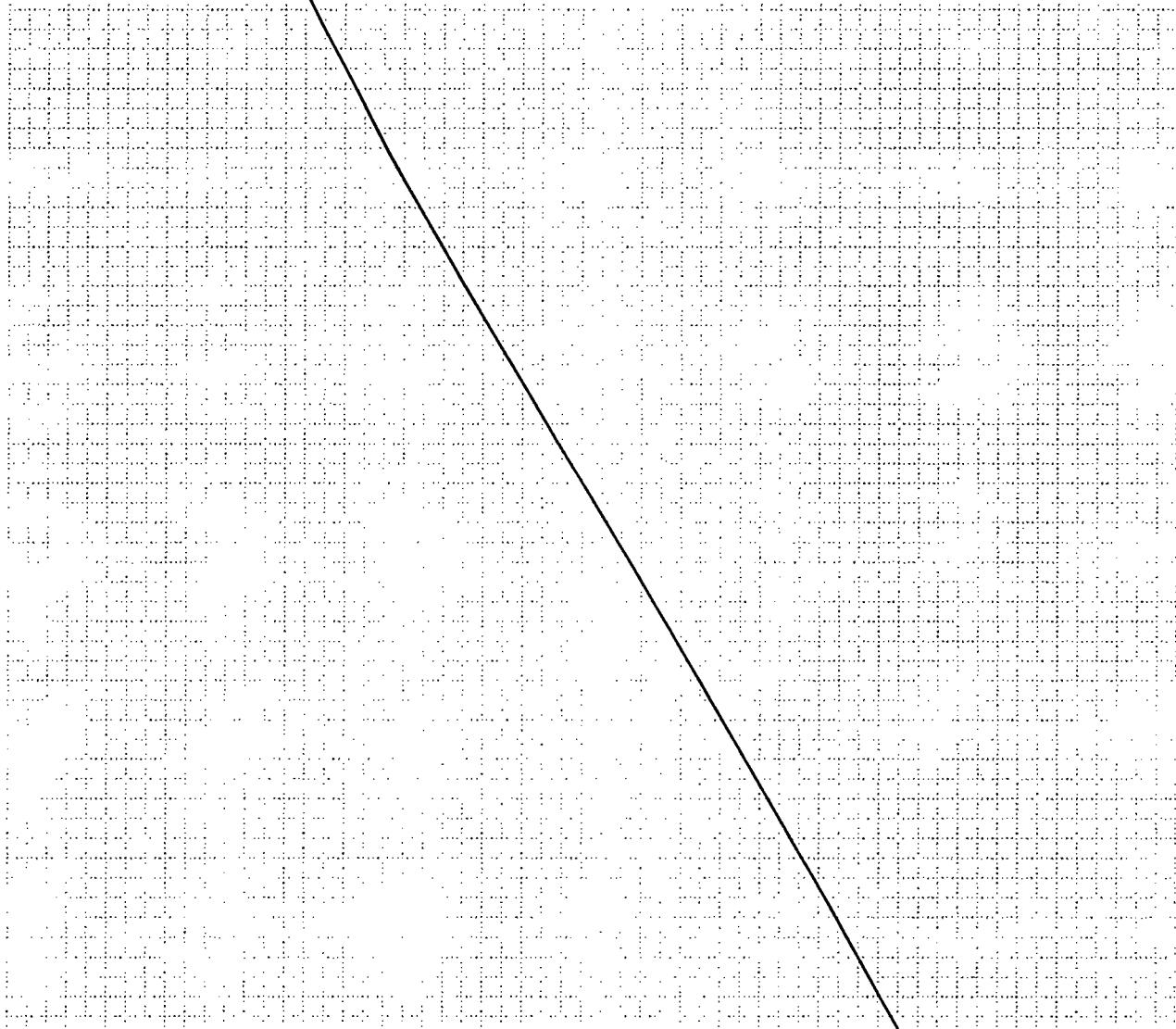
ADDRESS: _____ **PROPERTY ID:** _____

DATE: _____ **ARRIVAL TIME:** _____

Other pertinent information (weather conditions, etc.):

PROPERTY COMMENTS:

Grid for property sketch



The remaining pages in this logbook are
blank and have not been scanned.